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OM nucleic - nucleic search, using sw model

Run on: October 28, 2004, 10:42:45 ; Search time 109 Seconds

(without alignments)
3.616 Million cell updates/sec

Title: us-10-003-919-3

Perfect score: 5273

Sequence: 1 ctaggcgatgcacccacg.....aattgccttcttaaaa 5273

Scoring table:

Gapop 10.0 , Gapext 0.5

Searched: 1774 seqs, 37370 residues

Total number of hits satisfying chosen parameters: 3548

Minimum DB seq length: 8

Maximum DB seq length: 50

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 1790 summaries

Database : rnpbdb.*

Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	43.4	0.8	50	1 US-10-131-827-2784	Sequence 2784, App1
2	28	0.5	28	1 US-10-003-919-6	Sequence 6, App1
3	27.2	0.5	32	1 US-10-240-376A-49	Sequence 49, App1
4	27.2	0.5	40	1 US-10-661-088-26	Sequence 26, App1
5	27.2	0.5	40	1 US-10-661-097-26	Sequence 26, App1
6	27.2	0.5	40	1 US-10-661-355-26	Sequence 26, App1
7	27.2	0.5	40	1 US-10-661-099-26	Sequence 26, App1
8	26.8	0.5	40	1 US-10-661-088-25	Sequence 25, App1
9	26.8	0.5	40	1 US-10-661-097-25	Sequence 25, App1
10	26.8	0.5	40	1 US-10-661-355-25	Sequence 25, App1
11	26.8	0.5	40	1 US-10-661-099-25	Sequence 25, App1
12	26	0.5	26	1 US-10-003-919-4	Sequence 4, App1
13	25.6	0.5	26	1 US-10-003-919-5	Sequence 5, App1
14	25.6	0.5	33	1 US-09-232-785-364	Sequence 364, App1
15	25.6	0.5	36	1 US-09-232-785-365	Sequence 365, App1
16	25.6	0.5	37	1 US-09-263-959-766	Sequence 766, App1
17	24.4	0.5	27	1 US-08-725-363A-6	Sequence 6, App1
18	24.4	0.5	28	1 US-09-263-959-474	Sequence 474, App1
19	24	0.5	36	1 US-10-418-182-67	Sequence 67, App1
20	23.8	0.5	27	1 US-10-418-182-146	Sequence 146, App1
21	23.8	0.5	29	1 US-10-240-376A-50	Sequence 50, App1
22	23.8	0.5	32	1 US-09-910-469-132	Sequence 132, App1
23	23.8	0.5	32	1 US-09-910-469-152	Sequence 152, App1
24	23.8	0.5	32	1 US-09-910-469-162	Sequence 162, App1
25	23.8	0.5	36	1 US-10-085-906-138	Sequence 138, App1
26	23.8	0.5	36	1 US-10-085-906-315	Sequence 315, App1
27	23.4	0.4	26	1 US-09-263-959-538	Sequence 538, App1
28	23.4	0.4	26	1 US-10-085-906-171	Sequence 171, App1
29	23.4	0.4	27	1 US-10-766-590-2	Sequence 2, App1
30	22.4	0.4	24	1 US-09-263-959-862	Sequence 862, App1
31	22.4	0.4	24	1 US-09-232-785-357	Sequence 357, App1
32	22.4	0.4	24	1 US-10-374-307-8	Sequence 8, App1
33	22.4	0.4	24	1 US-10-374-307-11	Sequence 11, App1

C 107	20	0.4	20	1	US-10-003-919-71	Sequence 71, Appl	180	17.8	0.3	25	1	US-10-723-361-4280	Sequence 4280, Ap
C 108	20	0.4	20	1	US-10-003-919-72	Sequence 72, Appl	181	17.8	0.3	25	1	US-10-775-169-637	Sequence 637, App
C 109	20	0.4	20	1	US-10-003-919-73	Sequence 73, Appl	182	17.8	0.3	25	1	US-10-775-169-636	Sequence 636, Appl
C 110	20	0.4	20	1	US-10-003-919-74	Sequence 74, Appl	183	17.6	0.3	24	1	US-09-940-188-3949	Sequence 3949, Ap
C 111	20	0.4	20	1	US-10-003-919-75	Sequence 75, Appl	184	17.6	0.3	25	1	US-09-770-682-111	Sequence 11, Appl
C 112	20	0.4	20	1	US-10-003-919-76	Sequence 76, Appl	185	17.6	0.3	25	1	US-09-866-108-14695	Sequence 12695, A
C 113	20	0.4	20	1	US-10-003-919-77	Sequence 77, Appl	186	17.6	0.3	25	1	US-10-060-756A-2222	Sequence 2222, Ap
C 114	20	0.4	20	1	US-10-003-919-78	Sequence 78, Appl	187	17.6	0.3	25	1	US-10-060-756A-2223	Sequence 2223, Ap
C 115	20	0.4	20	1	US-10-003-919-79	Sequence 79, Appl	188	17.6	0.3	25	1	US-10-215-112-6364	Sequence 6364, Ap
C 116	20	0.4	20	1	US-10-003-919-80	Sequence 80, Appl	189	17.6	0.3	25	1	US-10-098-263B-45198	Sequence 45198, A
C 117	20	0.4	20	1	US-10-003-919-81	Sequence 81, Appl	190	17.6	0.3	25	1	US-10-098-263B-83203	Sequence 83203, A
C 118	20	0.4	20	1	US-10-003-919-82	Sequence 82, Appl	191	17.6	0.3	25	1	US-10-098-263B-83204	Sequence 83204, A
C 119	20	0.4	20	1	US-10-003-919-83	Sequence 83, Appl	192	17.6	0.3	25	1	US-10-061-201-3141	Sequence 3141, Ap
C 120	20	0.4	20	1	US-10-003-919-84	Sequence 84, Appl	193	17.6	0.3	25	1	US-10-061-201-3142	Sequence 3142, Ap
C 121	20	0.4	20	1	US-10-003-919-85	Sequence 85, Appl	194	17.6	0.3	25	1	US-10-717-597-4365	Sequence 4365, Ap
C 122	20	0.4	20	1	US-10-003-919-86	Sequence 86, Appl	195	17.6	0.3	25	1	US-10-723-361-13695	Sequence 12695, A
C 123	20	0.4	20	1	US-10-003-919-87	Sequence 87, Appl	196	17.6	0.3	27	1	US-09-961-077-929	Sequence 929, App
C 124	19.8	0.4	25	1	US-09-863-806-120	Sequence 120, App	197	17.6	0.3	27	1	US-10-114-091-8	Sequence 8, Appl1
C 125	19.6	0.4	22	1	US-10-270-839-75	Sequence 75, Appl	198	17.4	0.3	20	1	US-10-211-853-25	Sequence 25, Appl1
C 126	19.6	0.4	28	1	US-10-085-906-237	Sequence 237, App	199	17.4	0.3	25	1	US-09-866-108-4281	Sequence 4281, Ap
C 127	19.4	0.4	21	1	US-09-263-959-807	Sequence 807, App	200	17.4	0.3	25	1	US-09-866-108-4282	Sequence 4282, Ap
C 128	19.4	0.4	21	1	US-09-232-785-394	Sequence 394, App	201	17.4	0.3	25	1	US-10-723-361-4281	Sequence 4281, Ap
C 129	19.4	0.4	21	1	US-09-232-785-395	Sequence 395, App	202	17.4	0.3	25	1	US-10-723-361-4282	Sequence 4282, Ap
C 130	19.4	0.4	21	1	US-10-418-182-108	Sequence 108, App	203	17.2	0.3	23	1	US-10-002-623-32	Sequence 32, Appl
C 131	19	0.4	28	1	US-09-465-589-10	Sequence 10, Appl	204	17.2	0.3	24	1	US-09-756-095-53	Sequence 53, Appl
C 132	18.8	0.4	25	1	US-10-085-906-45	Sequence 45, Appl	205	17.2	0.3	24	1	US-09-756-095A-53	Sequence 53, Appl
C 133	18.8	0.4	25	1	US-10-061-201-3146	Sequence 3146, Ap	206	17.2	0.3	24	1	US-09-838-858-53	Sequence 53, Appl
C 134	18.8	0.4	25	1	US-10-061-201-3147	Sequence 3147, Ap	207	17.2	0.3	24	1	US-09-866-108-1691	Sequence 12691, A
C 135	18.8	0.4	25	1	US-10-061-201-3148	Sequence 3148, Ap	208	17.2	0.3	25	1	US-10-098-263B-33354	Sequence 23354, A
C 136	18.8	0.4	25	1	US-10-061-201-3149	Sequence 3149, Ap	209	17.2	0.3	25	1	US-10-098-263B-33330	Sequence 33930, A
C 137	18.6	0.4	25	1	US-09-866-108-12694	Sequence 12694, A	210	17.2	0.3	25	1	US-10-098-263B-62327	Sequence 62327, A
C 138	18.6	0.4	25	1	US-10-723-361-12694	Sequence 12694, A	211	17.2	0.3	25	1	US-10-098-263B-73322	Sequence 73322, A
C 139	18.6	0.4	27	1	US-10-418-182-150	Sequence 150, App	212	17.2	0.3	25	1	US-10-098-263B-99583	Sequence 99583, A
C 140	18.6	0.4	27	1	US-10-418-182-176	Sequence 176, App	213	17.2	0.3	25	1	US-10-098-263B-99584	Sequence 99584, A
C 141	18.4	0.3	20	1	US-09-752-639-40	Sequence 40, Appl	214	17.2	0.3	25	1	US-10-098-263B-118518	Sequence 118518, A
C 142	18.4	0.3	20	1	US-09-984-198-40	Sequence 40, Appl	215	17.2	0.3	25	1	US-10-107-748-11	Sequence 11, Appl1
C 143	18.4	0.3	20	1	US-10-077-383-29	Sequence 29, Appl	216	17.2	0.3	25	1	US-10-107-748-15	Sequence 15, Appl
C 144	18.4	0.3	20	1	US-10-661-088-17	Sequence 17, Appl	217	17.2	0.3	25	1	US-10-717-597-3764	Sequence 3764, Ap
C 145	18.4	0.3	20	1	US-10-661-088-18	Sequence 18, Appl	218	17.2	0.3	25	1	US-10-723-361-13691	Sequence 12691, A
C 146	18.4	0.3	20	1	US-10-661-097-17	Sequence 17, Appl	219	17.2	0.3	25	1	US-10-775-169-2711	Sequence 2711, A
C 147	18.4	0.3	20	1	US-10-661-097-18	Sequence 18, Appl	220	17.2	0.3	25	1	US-10-775-169-4740	Sequence 4740, Ap
C 148	18.4	0.3	20	1	US-10-661-355-17	Sequence 17, Appl	221	17.2	0.3	25	1	US-09-759-967-17	Sequence 17, Appl
C 149	18.4	0.3	20	1	US-10-661-355-18	Sequence 18, Appl	222	17	0.3	21	1	US-09-866-108-12594	Sequence 12594, A
C 150	18.4	0.3	20	1	US-10-661-099-17	Sequence 17, Appl	223	17	0.3	25	1	US-09-866-108-12595	Sequence 12595, A
C 151	18.4	0.3	20	1	US-10-661-099-18	Sequence 18, Appl	224	17	0.3	25	1	US-09-866-108-12596	Sequence 12596, A
C 152	18.4	0.3	21	1	US-10-270-839-76	Sequence 76, Appl	225	17	0.3	25	1	US-09-866-108-12697	Sequence 12697, A
C 153	18.4	0.3	25	1	US-10-717-597-4612	Sequence 4612, Ap	226	17	0.3	25	1	US-09-866-108-12698	Sequence 12698, A
C 154	18.4	0.3	25	1	US-09-465-589-9	Sequence 9, Appl1	227	17	0.3	25	1	US-09-967-655-6	Sequence 6, Appl1
C 155	18.2	0.3	25	1	US-09-866-108-12692	Sequence 12692, A	228	17	0.3	25	1	US-10-060-756A-4464	Sequence 4464, Ap
C 156	18.2	0.3	25	1	US-09-866-108-12693	Sequence 12693, A	229	17	0.3	25	1	US-10-098-263B-57558	Sequence 57558, A
C 157	18.2	0.3	25	1	US-10-098-263B-68987	Sequence 68987, A	230	17	0.3	25	1	US-10-098-263B-80911	Sequence 80911, A
C 158	18.2	0.3	25	1	US-10-723-361-12692	Sequence 12692, A	231	17	0.3	25	1	US-10-098-263B-86365	Sequence 86365, A
C 159	18.2	0.3	25	1	US-10-723-361-12693	Sequence 12693, A	232	17	0.3	25	1	US-10-098-263B-96363	Sequence 96363, A
C 160	18.2	0.3	25	1	US-10-775-169-2638	Sequence 2638, Ap	233	17	0.3	25	1	US-10-098-263B-100633	Sequence 100633, A
C 161	18	0.3	27	1	US-10-286-993-13	Sequence 13, Appl	234	17	0.3	25	1	US-10-098-263B-119199	Sequence 119199, A
C 162	17.8	0.3	21	1	US-10-085-906-141	Sequence 141, Appl	235	17	0.3	25	1	US-10-061-201-3143	Sequence 3143, Ap
C 163	17.8	0.3	21	1	US-10-194-370-16	Sequence 16, Appl	236	17	0.3	25	1	US-10-061-201-3144	Sequence 3144, Ap
C 164	17.8	0.3	21	1	US-10-418-182-104	Sequence 104, App	237	17	0.3	25	1	US-10-723-361-13594	Sequence 12594, A
C 165	17.8	0.3	21	1	US-10-418-182-134	Sequence 134, App	238	17	0.3	25	1	US-10-723-361-13595	Sequence 12595, A
C 166	17.8	0.3	21	1	US-10-786-720-14807	Sequence 14807, A	239	17	0.3	25	1	US-10-723-361-14696	Sequence 12696, A
C 167	17.8	0.3	25	1	US-09-866-108-4276	Sequence 4276, Ap	240	17	0.3	25	1	US-10-723-361-14697	Sequence 12697, A
C 168	17.8	0.3	25	1	US-09-866-108-4277	Sequence 4277, Ap	241	17	0.3	25	1	US-10-723-361-14698	Sequence 12698, A
C 169	17.8	0.3	25	1	US-09-866-108-4278	Sequence 4278, Ap	242	16.8	0.3	20	1	US-09-733-294A-68	Sequence 68, Appl
C 170	17.8	0.3	25	1	US-09-866-108-4279	Sequence 4279, Ap	243	16.8	0.3	20	1	US-10-277-216-227	Sequence 227, App
C 171	17.8	0.3	25	1	US-09-866-108-4280	Sequence 4280, Ap	244	16.8	0.3	20	1	US-10-277-216-228	Sequence 228, App
C 172	17.8	0.3	25	1	US-10-098-263B-40421	Sequence 40421, A	245	16.8	0.3	20	1	US-10-126-022-227	Sequence 227, App
C 173	17.8	0.3	25	1	US-10-098-263B-127273	Sequence 127273, A	246	16.8	0.3	20	1	US-10-126-022-228	Sequence 228, App
C 174	17.8	0.3	25	1	US-10-061-201-3145	Sequence 3145, Ap	247	16.8	0.3	21	1	US-10-032-924-72	Sequence 72, Appl
C 175	17.8	0.3	25	1	US-10-061-201-3150	Sequence 3150, Ap	248	16.8	0.3	21	1	US-10-349-142-10216	Sequence 10216, A
C 176	17.8	0.3	25	1	US-10-723-361-4276	Sequence 4276, Ap	249	16.8	0.3	21	1	US-10-786-720-19516	Sequence 19516, A
C 177	17.8	0.3	25	1	US-10-723-361-4277	Sequence 4277, Ap	250	16.8	0.3	21	1	US-10-786-720-19518	Sequence 19518, A
C 178	17.8	0.3	25	1	US-10-723-361-4278	Sequence 4278, Ap	251	16.8	0.3	22	1	US-09-951-401-43	Sequence 43, Appl
C 179	17.8	0.3	25	1	US-10-723-361-4279	Sequence 4279, Ap	252	16.8	0.3	22	1	US-09-922-101-43	Sequence 43, Appl

C 253	16.8	0.3	22	1	US-09-951-402-43	Sequence 43, App1
C 254	16.8	0.3	25	1	US-09-992-665-164	Sequence 164, App
C 255	16.8	0.3	24	1	US-09-866-108-4275	Sequence 4275, App
C 256	16.8	0.3	25	1	US-09-866-108-13093	Sequence 13093, App
C 257	16.8	0.3	25	1	US-09-866-108-13094	Sequence 13094, App
C 258	16.8	0.3	25	1	US-09-866-108-13095	Sequence 13095, App
C 259	16.8	0.3	25	1	US-09-866-108-13096	Sequence 13096, App
C 260	16.8	0.3	25	1	US-09-866-108-13097	Sequence 13097, App
C 261	16.8	0.3	25	1	US-09-866-108-13098	Sequence 13098, App
C 262	16.8	0.3	25	1	US-10-098-263B-72140	Sequence 72140, App
C 263	16.8	0.3	25	1	US-10-098-263B-80930	Sequence 80930, App
C 264	16.8	0.3	25	1	US-10-061-201-3151	Sequence 3151, App
C 265	16.8	0.3	25	1	US-10-717-597-4886	Sequence 4886, App
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C 273	16.8	0.3	25	1	US-10-775-169-3016	Sequence 3016, App
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C 275	16.6	0.3	24	1	US-09-365-029-4	Sequence 4, App1
C 276	16.6	0.3	25	1	US-09-866-108-13559	Sequence 13559, App
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C 281	16.6	0.3	25	1	US-10-060-756A-2224	Sequence 2224, App
C 282	16.6	0.3	25	1	US-10-060-756A-2454	Sequence 2454, App
C 283	16.6	0.3	25	1	US-10-060-756A-2455	Sequence 2455, App
C 284	16.6	0.3	25	1	US-10-060-756A-2456	Sequence 2456, App
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C 286	16.6	0.3	25	1	US-10-044-539-202	Sequence 202, App
C 287	16.6	0.3	25	1	US-10-098-263B-16377	Sequence 16377, App
C 288	16.6	0.3	25	1	US-10-098-263B-28307	Sequence 28307, App
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C 290	16.6	0.3	25	1	US-10-098-263B-34648	Sequence 34648, App
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C 292	16.6	0.3	25	1	US-10-098-263B-50535	Sequence 50535, App
C 293	16.6	0.3	25	1	US-10-098-263B-50536	Sequence 50536, App
C 294	16.6	0.3	25	1	US-10-098-263B-68988	Sequence 68988, App
C 295	16.6	0.3	25	1	US-10-098-263B-79979	Sequence 79979, App
C 296	16.6	0.3	25	1	US-10-098-263B-91592	Sequence 91592, App
C 297	16.6	0.3	25	1	US-10-098-263B-100105	Sequence 100105, App
C 298	16.6	0.3	25	1	US-10-061-201-3140	Sequence 3140, App
C 299	16.6	0.3	25	1	US-10-325-810-435	Sequence 435, App
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C 302	16.6	0.3	25	1	US-10-723-361-13560	Sequence 13560, App
C 303	16.6	0.3	25	1	US-10-723-361-13561	Sequence 13561, App
C 304	16.6	0.3	25	1	US-10-775-169-1988	Sequence 1988, App
C 305	16.6	0.3	25	1	US-10-775-169-1989	Sequence 1989, App
C 306	16.6	0.3	25	1	US-10-775-169-4475	Sequence 4475, App
C 307	16.6	0.3	25	1	US-10-775-169-4476	Sequence 4476, App
C 308	16.6	0.3	18	1	US-09-263-959-515	Sequence 515, App
C 309	16.6	0.3	18	1	US-09-263-959-535	Sequence 535, App
C 310	16.6	0.3	18	1	US-09-263-959-565	Sequence 565, App
C 311	16.6	0.3	18	1	US-09-263-959-873	Sequence 873, App
C 312	16.6	0.3	18	1	US-09-232-785-396	Sequence 396, App
C 313	16.6	0.3	18	1	US-10-011-204-3	Sequence 3, App1
C 314	16.6	0.3	18	1	US-10-011-204-4	Sequence 4, App1
C 315	16.6	0.3	18	1	US-10-077-383-92	Sequence 31, App1
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C 317	16.6	0.3	19	1	US-10-027-632-178630	Sequence 178630, App
C 318	16.6	0.3	19	1	US-10-027-632-178630	Sequence 178630, App
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C 320	16.6	0.3	19	1	US-10-027-632-178653	Sequence 178653, App
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C 322	16.6	0.3	21	1	US-09-969-373-3091	Sequence 3091, App
C 323	16.6	0.3	21	1	US-09-849-928-120	Sequence 120, App
C 324	16.6	0.3	21	1	US-10-066-960-120	Sequence 120, App
C 325	16.6	0.3	21	1	US-10-409-627-120	Sequence 120, App
C 326	16.4	0.3	21	1	US-10-705-300-120	Sequence 120, App
C 327	16.4	0.3	22	1	US-10-357-488-23	Sequence 23, App1
C 328	16.4	0.3	22	1	US-10-231-913-216	Sequence 216, App
C 329	16.4	0.3	22	1	US-10-409-107A-50	Sequence 50, App1
C 330	16.4	0.3	24	1	US-09-410-194-25	Sequence 25, App1
C 331	16.4	0.3	25	1	US-09-866-108-4283	Sequence 4283, App
C 332	16.4	0.3	25	1	US-10-215-112-8004	Sequence 8004, App
C 333	16.4	0.3	25	1	US-10-098-263B-38373	Sequence 38373, App
C 334	16.4	0.3	25	1	US-10-098-263B-92570	Sequence 92570, App
C 335	16.4	0.3	25	1	US-10-098-263B-118575	Sequence 118575, App
C 336	16.4	0.3	25	1	US-10-723-361-4283	Sequence 4283, App
C 337	16.4	0.3	25	1	US-10-775-169-2515	Sequence 2515, App
C 338	16.2	0.3	21	1	US-09-828-034-10	Sequence 10, App1
C 339	16.2	0.3	21	1	US-09-012-135A-30	Sequence 30, App1
C 340	16.2	0.3	21	1	US-10-114-796-7	Sequence 7, App1
C 341	16.2	0.3	21	1	US-10-192-381-50	Sequence 50, App1
C 342	16.2	0.3	21	1	US-10-349-143-4331	Sequence 4331, App
C 343	16.2	0.3	21	1	US-10-605-498-7	Sequence 7, App1
C 344	16.2	0.3	21	1	US-10-786-720-12866	Sequence 12866, App
C 345	16.2	0.3	21	1	US-10-786-720-13022	Sequence 13022, App
C 346	16.2	0.3	21	1	US-10-786-720-20221	Sequence 20221, App
C 347	16.2	0.3	22	1	US-09-935-247-9	Sequence 9, App1
C 348	16.2	0.3	22	1	US-10-393-602-24	Sequence 24, App1
C 349	16.2	0.3	23	1	US-10-196-199-26	Sequence 26, App1
C 350	16.2	0.3	23	1	US-10-364-649-50	Sequence 50, App1
C 351	16.2	0.3	23	1	US-10-299-486-6	Sequence 6, App1
C 352	16.2	0.3	23	1	US-10-327-598-827	Sequence 827, App
C 353	16.2	0.3	24	1	US-09-883-152-67	Sequence 67, App1
C 354	16.2	0.3	24	1	US-09-439-429-15	Sequence 15, App1
C 355	16	0.3	16	1	US-09-263-959-581	Sequence 581, App1
C 356	16	0.3	18	1	US-09-918-186A-38	Sequence 38, App1
C 357	16	0.3	18	1	US-09-918-186A-78	Sequence 78, App1
C 358	16	0.3	18	1	US-09-918-186A-129	Sequence 129, App
C 359	16	0.3	18	1	US-10-181-316-78	Sequence 38, App1
C 360	16	0.3	18	1	US-10-181-316-78	Sequence 38, App1
C 361	16	0.3	18	1	US-10-181-316-129	Sequence 129, App
C 362	16	0.3	20	1	US-09-949-427-203	Sequence 203, App
C 363	16	0.3	20	1	US-09-949-428-203	Sequence 203, App
C 364	16	0.3	21	1	US-10-181-874-15	Sequence 15, App1
C 365	16	0.3	21	1	US-10-435-696-132	Sequence 132, App
C 366	16	0.3	24	1	US-09-940-185-578	Sequence 578, App
C 367	16	0.3	24	1	US-10-411-954-284	Sequence 284, App
C 368	16	0.3	24	1	US-10-087-684-128	Sequence 128, App
C 369	16	0.3	24	1	US-10-218-779-128	Sequence 128, App
C 370	16	0.3	24	1	US-10-617-070-284	Sequence 284, App
C 371	16	0.3	25	1	US-10-098-263B-83203	Sequence 83203, App
C 372	16	0.3	25	1	US-10-098-263B-83204	Sequence 83204, App
C 373	15.8	0.3	19	1	US-10-251-117-199	Sequence 199, App
C 374	15.8	0.3	19	1	US-10-251-117-448	Sequence 448, App
C 375	15.8	0.3	19	1	US-10-357-488-27	Sequence 27, App1
C 376	15.8	0.3	19	1	US-10-349-143-5847	Sequence 5847, App
C 377	15.8	0.3	19	1	US-10-399-872-1	Sequence 1, App1
C 378	15.8	0.3	20	1	US-09-800-631-84	Sequence 84, App1
C 379	15.8	0.3	20	1	US-09-752-633-977	Sequence 77, App1
C 380	15.8	0.3	20	1	US-09-984-198-87	Sequence 87, App1
C 381	15.8	0.3	20	1	US-09-888-326-410	Sequence 410, App
C 382	15.8	0.3	20	1	US-09-809-595-62	Sequence 62, App1
C 383	15.8	0.3	20	1	US-09-910-185-53	Sequence 53, App1
C 384	15.8	0.3	20	1	US-09-776-479-243	Sequence 243, App
C 385	15.8	0.3	20	1	US-09-776-479-243	Sequence 243, App
C 386	15.8	0.3	20	1	US-09-920-394-30	Sequence 30, App1
C 387	15.8	0.3	20	1	US-09-965-101-57	Sequence 57, App1
C 388	15.8	0.3	20	1	US-10-112-653-235	Sequence 235, App
C 389	15.8	0.3	20	1	US-10-112-653-243	Sequence 243, App
C 390	15.8	0.3	20	1	US-10-293-783-83	Sequence 83, App1
C 391	15.8	0.3	20	1	US-10-314-578-243	Sequence 243, App
C 392	15.8	0.3	20	1	US-10-388-263-732	Sequence 732, App
C 393	15.8	0.3	20	1	US-10-174-319-5	Sequence 5, App1
C 394	15.8	0.3	20	1	US-10-289-162-6014	Sequence 6014, App
C 395	15.8	0.3	20	1	US-10-435-696-218	Sequence 218, App
C 396	15.8	0.3	20	1	US-10-213-796-85	Sequence 85, App1
C 397	15.8	0.3	20	1	US-10-213-796-155	Sequence 155, App
C 398	15.8	0.3	20	1	US-10-680-341-72	Sequence 72, App1

C 399	15.8	0.3	20	1	US-10-457-890A-2	Sequence 2, App1	C 472	15.6	0.3	24	1	US-09-978-194A-573	Sequence 573, App
C 400	15.8	0.3	20	1	US-10-317-277A-69	Sequence 69, App1	C 473	15.6	0.3	24	1	US-09-999-829A-573	Sequence 573, App
C 401	15.8	0.3	20	1	US-10-317-277A-144	Sequence 144, App	C 474	15.6	0.3	24	1	US-09-978-299A-573	Sequence 573, App
C 402	15.8	0.3	20	1	US-10-671-395-57	Sequence 57, App1	C 475	15.6	0.3	24	1	US-09-978-544A-573	Sequence 573, App
C 403	15.8	0.3	20	1	US-10-671-395-58	Sequence 58, App1	C 476	15.6	0.3	24	1	US-09-978-668A-573	Sequence 573, App
C 404	15.8	0.3	20	1	US-10-619-739-317	Sequence 317, App	C 477	15.6	0.3	24	1	US-09-978-802A-573	Sequence 573, App
C 405	15.8	0.3	21	1	US-10-023-066A-46	Sequence 46, App1	C 478	15.6	0.3	24	1	US-09-999-831A-573	Sequence 573, App
C 406	15.8	0.3	21	1	US-10-184-085A-54	Sequence 54, App1	C 479	15.6	0.3	24	1	US-10-017-081A-573	Sequence 573, App
C 407	15.8	0.3	21	1	US-10-331-907-208	Sequence 208, App	C 480	15.6	0.3	24	1	US-10-167-749-573	Sequence 573, App
C 408	15.8	0.3	21	1	US-10-131-827-8771	Sequence 8771, App	C 481	15.6	0.3	24	1	US-10-013-922A-573	Sequence 573, App
C 409	15.8	0.3	21	1	US-10-786-720-12933	Sequence 12933, App	C 482	15.6	0.3	24	1	US-10-013-922A-573	Sequence 573, App
C 410	15.8	0.3	21	1	US-10-786-720-14806	Sequence 14806, App	C 483	15.6	0.3	24	1	US-10-016-177A-573	Sequence 573, App
C 411	15.8	0.3	21	1	US-10-786-720-14808	Sequence 14808, App	C 484	15.6	0.3	24	1	US-10-166-709A-573	Sequence 573, App
C 412	15.8	0.3	21	1	US-10-786-720-17482	Sequence 17482, App	C 485	15.6	0.3	24	1	US-10-143-031A-573	Sequence 573, App
C 413	15.8	0.3	21	1	US-10-786-720-17484	Sequence 17484, App	C 486	15.6	0.3	24	1	US-10-143-031A-573	Sequence 573, App
C 414	15.8	0.3	21	1	US-10-786-720-18670	Sequence 18670, App	C 487	15.6	0.3	24	1	US-10-188-865-24	Sequence 24, App1
C 415	15.8	0.3	21	1	US-10-786-720-18672	Sequence 18672, App	C 488	15.6	0.3	24	1	US-10-002-967A-573	Sequence 573, App
C 416	15.8	0.3	21	1	US-10-786-720-19517	Sequence 19517, App	C 489	15.6	0.3	24	1	US-10-017-082A-573	Sequence 573, App
C 417	15.8	0.3	22	1	US-10-085-198-287	Sequence 287, App	C 490	15.6	0.3	24	1	US-10-145-128A-573	Sequence 573, App
C 418	15.8	0.3	23	1	US-08-983-605-232	Sequence 232, App	C 491	15.6	0.3	24	1	US-10-017-191A-573	Sequence 573, App
C 419	15.8	0.3	23	1	US-09-911-904-41	Sequence 41, App1	C 492	15.6	0.3	24	1	US-10-143-028A-573	Sequence 573, App
C 420	15.8	0.3	23	1	US-10-466-205-26	Sequence 26, App1	C 493	15.6	0.3	24	1	US-10-143-028A-573	Sequence 573, App
C 421	15.8	0.3	24	1	US-10-032-585-4873	Sequence 4873, App	C 494	15.6	0.3	24	1	US-10-143-082A-573	Sequence 573, App
C 422	15.8	0.3	24	1	US-10-680-341-81	Sequence 81, App1	C 495	15.6	0.3	24	1	US-10-165-067A-573	Sequence 573, App
C 423	15.8	0.3	24	1	US-10-312-308-26	Sequence 26, App1	C 496	15.6	0.3	24	1	US-10-145-017A-573	Sequence 573, App
C 424	15.6	0.3	22	1	US-09-737-149-20	Sequence 20, App1	C 497	15.6	0.3	24	1	US-10-164-728A-573	Sequence 573, App
C 425	15.6	0.3	22	1	US-09-995-542-18	Sequence 18, App1	C 498	15.6	0.3	24	1	US-10-013-928A-573	Sequence 573, App
C 426	15.6	0.3	22	1	US-09-912-679-60	Sequence 60, App1	C 499	15.6	0.3	24	1	US-10-165-247A-573	Sequence 573, App
C 427	15.6	0.3	22	1	US-09-466-035-60	Sequence 60, App1	C 500	15.6	0.3	24	1	US-10-145-128A-573	Sequence 573, App
C 428	15.6	0.3	22	1	US-09-972-115A-42	Sequence 42, App1	C 501	15.6	0.3	24	1	US-10-160-502A-573	Sequence 573, App
C 429	15.6	0.3	22	1	US-10-085-198-315	Sequence 315, App	C 502	15.6	0.3	24	1	US-10-117-109-25	Sequence 25, App1
C 430	15.6	0.3	22	1	US-10-210-130-237	Sequence 237, App	C 503	15.6	0.3	24	1	US-10-117-109-26	Sequence 26, App1
C 431	15.6	0.3	22	1	US-10-210-130-240	Sequence 240, App	C 504	15.6	0.3	24	1	US-10-145-087A-573	Sequence 573, App
C 432	15.6	0.3	22	1	US-10-435-696-180	Sequence 180, App	C 505	15.6	0.3	24	1	US-10-017-086A-573	Sequence 573, App
C 433	15.6	0.3	22	1	US-10-701-283-20	Sequence 20, App1	C 506	15.6	0.3	24	1	US-10-164-822A-573	Sequence 573, App
C 434	15.6	0.3	23	1	US-09-247-890-20	Sequence 20, App1	C 507	15.6	0.3	24	1	US-10-164-928A-573	Sequence 573, App
C 435	15.6	0.3	23	1	US-09-863-455-5	Sequence 5, App1	C 508	15.6	0.3	24	1	US-10-407-078-25	Sequence 25, App1
C 436	15.6	0.3	23	1	US-10-140-293-7	Sequence 7, App1	C 509	15.6	0.3	24	1	US-10-013-922A-573	Sequence 573, App
C 437	15.6	0.3	23	1	US-10-334-488-91	Sequence 91, App1	C 510	15.6	0.3	24	1	US-10-013-922A-573	Sequence 573, App
C 438	15.6	0.3	23	1	US-10-367-438-300	Sequence 300, App	C 511	15.6	0.3	24	1	US-10-020-448A-573	Sequence 573, App
C 439	15.6	0.3	23	1	US-10-383-317-20	Sequence 20, App1	C 512	15.6	0.3	24	1	US-10-013-924A-573	Sequence 573, App
C 440	15.6	0.3	23	1	US-10-658-304-25	Sequence 25, App1	C 513	15.6	0.3	24	1	US-10-017-084A-573	Sequence 573, App
C 441	15.6	0.3	23	1	US-10-312-373-20	Sequence 20, App1	C 514	15.6	0.3	24	1	US-10-145-016A-573	Sequence 573, App
C 442	15.6	0.3	23	1	US-10-343-319-4	Sequence 4, App1	C 515	15.6	0.3	24	1	US-10-145-088A-573	Sequence 573, App
C 443	15.6	0.3	24	1	US-09-920-552-37	Sequence 37, App1	C 516	15.6	0.3	24	1	US-10-145-092A-573	Sequence 573, App
C 444	15.6	0.3	24	1	US-09-777-732-20	Sequence 20, App1	C 517	15.6	0.3	24	1	US-10-145-128A-573	Sequence 573, App
C 445	15.6	0.3	24	1	US-09-978-295A-573	Sequence 573, App	C 518	15.6	0.3	24	1	US-10-165-038A-573	Sequence 573, App
C 446	15.6	0.3	24	1	US-09-978-697-573	Sequence 573, App	C 519	15.6	0.3	24	1	US-10-165-353A-573	Sequence 573, App
C 447	15.6	0.3	24	1	US-09-978-192A-573	Sequence 573, App	C 520	15.6	0.3	24	1	US-10-167-600-573	Sequence 573, App
C 448	15.6	0.3	24	1	US-09-999-832A-573	Sequence 573, App	C 521	15.6	0.3	24	1	US-10-170-481A-573	Sequence 573, App
C 449	15.6	0.3	24	1	US-09-978-189-573	Sequence 573, App	C 522	15.6	0.3	24	1	US-10-172-039A-573	Sequence 573, App
C 450	15.6	0.3	24	1	US-09-978-608A-573	Sequence 573, App	C 523	15.6	0.3	24	1	US-10-210-028-573	Sequence 573, App
C 451	15.6	0.3	24	1	US-09-978-585A-573	Sequence 573, App	C 524	15.6	0.3	24	1	US-10-017-088A-573	Sequence 573, App
C 452	15.6	0.3	24	1	US-09-978-191A-573	Sequence 573, App	C 525	15.6	0.3	24	1	US-10-013-916A-573	Sequence 573, App
C 453	15.6	0.3	24	1	US-09-978-403A-573	Sequence 573, App	C 526	15.6	0.3	24	1	US-10-143-028B-573	Sequence 573, App
C 454	15.6	0.3	24	1	US-09-978-564A-573	Sequence 573, App	C 527	15.6	0.3	24	1	US-10-013-918A-573	Sequence 573, App
C 455	15.6	0.3	24	1	US-09-999-833A-573	Sequence 573, App	C 528	15.6	0.3	24	1	US-10-162-521A-573	Sequence 573, App
C 456	15.6	0.3	24	1	US-09-981-915A-573	Sequence 573, App	C 529	15.6	0.3	24	1	US-10-013-928A-573	Sequence 573, App
C 457	15.6	0.3	24	1	US-09-978-824-573	Sequence 573, App	C 530	15.6	0.3	24	1	US-10-162-522A-573	Sequence 573, App
C 458	15.6	0.3	24	1	US-09-978-585A-573	Sequence 573, App	C 531	15.6	0.3	24	1	US-10-013-922A-573	Sequence 573, App
C 459	15.6	0.3	24	1	US-09-999-834A-573	Sequence 573, App	C 532	15.6	0.3	24	1	US-10-013-922A-573	Sequence 573, App
C 460	15.6	0.3	24	1	US-09-978-423A-573	Sequence 573, App	C 533	15.6	0.3	24	1	US-10-013-927A-573	Sequence 573, App
C 461	15.6	0.3	24	1	US-09-978-193A-573	Sequence 573, App	C 534	15.6	0.3	24	1	US-10-443-69A-134	Sequence 124, App
C 462	15.6	0.3	24	1	US-09-999-830A-573	Sequence 573, App	C 535	15.6	0.3	24	1	US-10-145-091A-573	Sequence 573, App
C 463	15.6	0.3	24	1	US-09-978-757A-573	Sequence 573, App	C 536	15.6	0.3	24	1	US-10-013-918A-573	Sequence 573, App
C 464	15.6	0.3	24	1	US-09-940-185-1743	Sequence 1743, App	C 537	15.6	0.3	24	1	US-10-013-920A-573	Sequence 573, App
C 465	15.6	0.3	24	1	US-09-978-187B-573	Sequence 573, App	C 538	15.6	0.3	24	1	US-10-449-797-7	Sequence 7, App1
C 466	15.6	0.3	24	1	US-09-778-013-20	Sequence 20, App1	C 539	15.6	0.3	24	1	US-10-164-749A-573	Sequence 573, App
C 467	15.6	0.3	24	1	US-09-978-643A-573	Sequence 573, App	C 540	15.6	0.3	24	1	US-10-013-917A-573	Sequence 573, App
C 468	15.6	0.3	24	1	US-09-978-375A-573	Sequence 573, App	C 541	15.6	0.3	24	1	US-10-665-460A-10	Sequence 30, App1
C 469	15.6	0.3	24	1	US-09-978-298A-573	Sequence 573, App	C 542	15.6	0.3	24	1	US-10-433-488A-29	Sequence 29, App1
C 470	15.6	0.3	24	1	US-09-978-188A-573	Sequence 573, App	C 543	15.6	0.3	24	1	US-10-614-623-124	Sequence 124, App
C 471	15.6	0.3	24	1	US-09-978-681A-573	Sequence 573, App	C 544	15.4	0.3	17	1	US-09-866-108-1345	Sequence 1345, App

545	15.4	0.3	17	1	US-09-866-108-1346	Sequence 1346, Ap	618	15.2	0.3	20	1	US-10-112-653-38	Sequence 38, Appl
546	15.4	0.3	17	1	US-09-866-108-1347	Sequence 1347, Ap	619	15.2	0.3	20	1	US-10-017-995-33	Sequence 39, Appl
547	15.4	0.3	17	1	US-09-866-108-8198	Sequence 8198, Ap	620	15.2	0.3	20	1	US-10-017-995-33	Sequence 39, Appl
548	15.4	0.3	17	1	US-09-263-959-488	Sequence 488, App	621	15.2	0.3	20	1	US-10-081-969-43	Sequence 43, Appl
549	15.4	0.3	17	1	US-09-263-959-576	Sequence 576, App	622	15.2	0.3	20	1	US-10-173-228-27	Sequence 27, Appl
550	15.4	0.3	17	1	US-09-263-959-584	Sequence 584, App	623	15.2	0.3	20	1	US-10-010-002-81	Sequence 81, Appl
551	15.4	0.3	17	1	US-09-762-818-482	Sequence 482, App	624	15.2	0.3	20	1	US-10-293-783-110	Sequence 110, App
552	15.4	0.3	17	1	US-10-062-458-15	Sequence 15, Appl	625	15.2	0.3	20	1	US-10-032-585-5858	Sequence 5858, Ap
553	15.4	0.3	17	1	US-10-238-700-3	Sequence 3, Appli	626	15.2	0.3	20	1	US-10-352-886-13	Sequence 13, Appl
554	15.4	0.3	17	1	US-10-064-201-1079	Sequence 1079, Ap	627	15.2	0.3	20	1	US-10-302-262-11	Sequence 11, Appl
555	15.4	0.3	17	1	US-10-723-361-1345	Sequence 1345, Ap	628	15.2	0.3	20	1	US-10-126-355-29	Sequence 29, Appl
556	15.4	0.3	17	1	US-10-723-361-1346	Sequence 1346, Ap	629	15.2	0.3	20	1	US-10-314-578-38	Sequence 38, Appl
557	15.4	0.3	17	1	US-10-723-361-1347	Sequence 1347, Ap	630	15.2	0.3	20	1	US-10-173-902-19	Sequence 19, Appl
558	15.4	0.3	17	1	US-10-723-361-8198	Sequence 8198, Ap	631	15.2	0.3	20	1	US-10-380-631-93	Sequence 93, Appl
559	15.4	0.3	18	1	US-09-904-744-5	Sequence 5, Appli	632	15.2	0.3	20	1	US-10-424-233-41	Sequence 41, Appl
560	15.4	0.3	18	1	US-09-904-744-6	Sequence 6, Appli	633	15.2	0.3	20	1	US-10-388-263-762	Sequence 762, App
561	15.4	0.3	18	1	US-10-292-198-93	Sequence 93, Appl	634	15.2	0.3	20	1	US-10-173-902-19	Sequence 19, Appl
562	15.4	0.3	18	1	US-10-159-2574-93	Sequence 93, Appl	635	15.2	0.3	20	1	US-10-173-902-19	Sequence 19, Appl
563	15.4	0.3	20	1	US-09-242-772-18	Sequence 18, Appl	636	15.2	0.3	20	1	US-10-177-554-158	Sequence 158, App
564	15.4	0.3	20	1	US-09-915-485-74	Sequence 74, Appl	637	15.2	0.3	20	1	US-10-349-143-10366	Sequence 10366, A
565	15.4	0.3	20	1	US-09-754-106-104	Sequence 104, App	638	15.2	0.3	20	1	US-10-349-143-10368	Sequence 10368, A
566	15.4	0.3	20	1	US-10-321-555-9	Sequence 9, Appli	639	15.2	0.3	20	1	US-10-190-366-210	Sequence 210, App
567	15.4	0.3	20	1	US-10-348-485-90	Sequence 90, Appl	640	15.2	0.3	20	1	US-10-190-366-403	Sequence 403, App
568	15.4	0.3	20	1	US-10-345-092-51	Sequence 51, Appl	641	15.2	0.3	20	1	US-10-289-762-2051	Sequence 2051, Ap
569	15.4	0.3	20	1	US-10-174-559-40	Sequence 40, Appl	642	15.2	0.3	20	1	US-10-289-762-2860	Sequence 2860, Ap
570	15.4	0.3	20	1	US-10-289-762-6438	Sequence 6438, Ap	643	15.2	0.3	20	1	US-10-199-675-75	Sequence 75, Appl
571	15.4	0.3	20	1	US-10-317-803-74	Sequence 74, Appl	644	15.2	0.3	20	1	US-10-200-293-65	Sequence 65, Appl
572	15.4	0.3	20	1	US-10-303-588-22	Sequence 22, Appl	645	15.2	0.3	20	1	US-10-188-248-126	Sequence 126, App
573	15.4	0.3	20	1	US-10-745-377-40	Sequence 40, Appl	646	15.2	0.3	20	1	US-10-188-248-129	Sequence 129, App
574	15.4	0.3	20	1	US-10-744-730-4	Sequence 4, Appli	647	15.2	0.3	20	1	US-10-449-237-2	Sequence 2, Appli
575	15.4	0.3	21	1	US-09-765-081-392	Sequence 392, App	648	15.2	0.3	20	1	US-10-409-1074-59	Sequence 59, Appl
576	15.4	0.3	21	1	US-09-828-9958-103	Sequence 103, App	649	15.2	0.3	20	1	US-10-363-828-60	Sequence 60, Appl
577	15.4	0.3	21	1	US-09-750-609-19	Sequence 19, Appl	650	15.2	0.3	20	1	US-10-273-826-22	Sequence 22, Appl
578	15.4	0.3	21	1	US-10-152-061-19	Sequence 19, Appl	651	15.2	0.3	20	1	US-10-273-826-22	Sequence 22, Appl
579	15.4	0.3	21	1	US-10-349-143-11523	Sequence 11523, A	652	15.2	0.3	20	1	US-10-274-347-33	Sequence 33, Appl
580	15.4	0.3	21	1	US-10-452-510-170	Sequence 170, App	653	15.2	0.3	20	1	US-10-300-424-68	Sequence 68, Appl
581	15.4	0.3	21	1	US-10-452-510-171	Sequence 171, App	654	15.2	0.3	20	1	US-10-300-424-120	Sequence 120, App
582	15.4	0.3	21	1	US-10-617-334-170	Sequence 170, App	655	15.2	0.3	20	1	US-10-623-672-21	Sequence 21, Appl
583	15.4	0.3	21	1	US-10-617-334-171	Sequence 171, App	656	15.2	0.3	20	1	US-10-688-706-141	Sequence 141, Ap
584	15.4	0.3	21	1	US-10-702-486-51	Sequence 51, Appl	657	15.2	0.3	20	1	US-10-316-232-22	Sequence 22, Appl
585	15.4	0.3	21	1	US-10-745-377-202	Sequence 202, App	658	15.2	0.3	20	1	US-10-316-232-55	Sequence 55, Appl
586	15.4	0.3	21	1	US-10-745-377-203	Sequence 203, App	659	15.2	0.3	20	1	US-10-477-813-15	Sequence 15, Appl
587	15.4	0.3	21	1	US-10-753-159-103	Sequence 103, App	660	15.2	0.3	20	1	US-10-477-813-16	Sequence 16, Appl
588	15.4	0.3	21	1	US-10-744-465-170	Sequence 170, App	661	15.2	0.3	20	1	US-10-303-588-44	Sequence 44, Appl
589	15.4	0.3	21	1	US-10-744-465-171	Sequence 171, App	662	15.2	0.3	20	1	US-10-303-588-75	Sequence 75, Appl
590	15.4	0.3	21	1	US-10-833-679-170	Sequence 170, App	663	15.2	0.3	20	1	US-10-744-831-81	Sequence 81, Appl
591	15.4	0.3	21	1	US-10-833-679-171	Sequence 171, App	664	15.2	0.3	20	1	US-10-671-395-648	Sequence 648, App
592	15.4	0.3	22	1	US-09-750-373-39	Sequence 39, Appl	665	15.2	0.3	20	1	US-10-652-795-275	Sequence 275, App
593	15.4	0.3	22	1	US-09-864-636A-1851	Sequence 1851, Ap	666	15.2	0.3	20	1	US-10-647-918-275	Sequence 275, App
594	15.4	0.3	22	1	US-09-864-426A-1851	Sequence 1851, Ap	667	15.2	0.3	20	1	US-10-641-455A-233	Sequence 233, App
595	15.4	0.3	22	1	US-10-027-632-51706	Sequence 51706, A	668	15.2	0.3	20	1	US-10-476-021-45	Sequence 45, Appl
596	15.4	0.3	22	1	US-10-027-632-51706	Sequence 51706, A	669	15.2	0.3	20	1	US-10-476-021-33	Sequence 33, Appl
597	15.4	0.3	22	1	US-10-084-839-1851	Sequence 1851, Ap	670	15.2	0.3	21	1	US-09-736-084-71	Sequence 71, Appl
598	15.4	0.3	22	1	US-10-026-741-1	Sequence 1, Appli	671	15.2	0.3	21	1	US-09-816-814-7	Sequence 7, Appli
599	15.2	0.3	20	1	US-09-734-846-11	Sequence 11, Appl	672	15.2	0.3	21	1	US-10-023-066A-45	Sequence 45, Appl
600	15.2	0.3	20	1	US-09-800-631-110	Sequence 110, App	673	15.2	0.3	21	1	US-10-214-932-117	Sequence 117, App
601	15.2	0.3	20	1	US-09-756-095-65	Sequence 65, Appl	674	15.2	0.3	21	1	US-10-168-080-7	Sequence 7, Appli
602	15.2	0.3	20	1	US-09-791-406-17	Sequence 17, Appl	675	15.2	0.3	21	1	US-10-435-766-39	Sequence 39, Appl
603	15.2	0.3	20	1	US-09-996-263-13	Sequence 13, Appl	676	15.2	0.3	21	1	US-10-233-958-38	Sequence 38, Appl
604	15.2	0.3	20	1	US-09-824-322B-275	Sequence 275, App	677	15.2	0.3	21	1	US-10-658-904-21	Sequence 21, Appl
605	15.2	0.3	20	1	US-09-888-326-554	Sequence 554, App	678	15.2	0.3	21	1	US-10-307-817-657	Sequence 657, App
606	15.2	0.3	20	1	US-09-941-492-65	Sequence 65, Appl	679	15.2	0.3	21	1	US-10-383-864-12	Sequence 12, Appl
607	15.2	0.3	20	1	US-09-756-096A-65	Sequence 65, Appl	680	15.2	0.3	21	1	US-10-302-028-7	Sequence 7, Appli
608	15.2	0.3	20	1	US-09-776-479-38	Sequence 38, Appl	681	15.2	0.3	21	1	US-10-672-794-26	Sequence 26, Appl
609	15.2	0.3	20	1	US-09-776-479-39	Sequence 39, Appl	682	15.2	0.3	21	1	US-10-605-498-6	Sequence 6, Appli
610	15.2	0.3	20	1	US-09-776-479-39	Sequence 39, Appl	683	15.2	0.3	21	1	US-10-652-870-305	Sequence 305, App
611	15.2	0.3	20	1	US-09-776-479-39	Sequence 39, Appl	684	15.2	0.3	22	1	US-08-983-601-197	Sequence 8, Appl
612	15.2	0.3	20	1	US-09-920-394-32	Sequence 32, Appl	685	15.2	0.3	22	1	US-09-999-183-8	Sequence 9, Appl
613	15.2	0.3	20	1	US-09-961-001-71	Sequence 71, Appl	686	15.2	0.3	22	1	US-09-825-751A-34	Sequence 34, Appl
614	15.2	0.3	20	1	US-09-840-743-103	Sequence 103, App	687	15.2	0.3	22	1	US-10-299-867-32	Sequence 32, Appl
615	15.2	0.3	20	1	US-09-838-858-65	Sequence 65, Appl	688	15.2	0.3	22	1	US-10-351-938-9	Sequence 9, Appli
616	15.2	0.3	20	1	US-09-965-101-25	Sequence 25, Appl	689	15.2	0.3	22	1	US-10-639-491-17	Sequence 17, Appl
617	15.2	0.3	20	1	US-10-057-550-28	Sequence 28, Appl	690	15.2	0.3	22	1	US-10-697-036-83	Sequence 83, Appl

691	15.2	0.3	22	1	US-10-415-570A-4	Sequence 4, Appl1	764	14.8	0.3	18	1	US-10-765-500-27	Sequence 27, Appl1
C 692	15.2	0.3	23	1	US-09-992-128-15	Sequence 15, Appl1	765	14.8	0.3	19	1	US-09-901-484A-538	Sequence 538, App
C 693	15.2	0.3	23	1	US-10-658-904-24	Sequence 24, Appl1	C 766	14.8	0.3	19	1	US-09-969-377-2067	Sequence 2067, Ap
C 694	15	0.3	15	1	US-09-263-959-440	Sequence 440, App	C 767	14.8	0.3	19	1	US-09-969-377-2069	Sequence 2069, Ap
C 695	15	0.3	15	1	US-09-263-959-712	Sequence 712, App	C 768	14.8	0.3	19	1	US-09-969-377-4453	Sequence 4453, Ap
C 696	15	0.3	15	1	US-09-263-959-717	Sequence 717, App	C 769	14.8	0.3	19	1	US-09-853-526-558	Sequence 538, App
C 697	15	0.3	15	1	US-10-085-906-279	Sequence 279, App	C 770	14.8	0.3	19	1	US-10-239-804-67	Sequence 67, Appl
C 698	15	0.3	16	1	US-09-817-014-142	Sequence 142, App	C 771	14.8	0.3	19	1	US-10-084-555-50	Sequence 50, Appl
C 699	15	0.3	16	1	US-10-056-229-143	Sequence 143, App	C 772	14.8	0.3	19	1	US-10-349-143-7139	Sequence 7139, Ap
C 700	15	0.3	16	1	US-10-628-525-28	Sequence 28, Appl	C 773	14.8	0.3	19	1	US-10-349-143-7300	Sequence 7300, Ap
C 701	15	0.3	17	1	US-09-866-108-6403	Sequence 6403, Ap	C 774	14.8	0.3	19	1	US-10-605-498-88	Sequence 88, Appl
C 702	15	0.3	17	1	US-09-866-108-6404	Sequence 6404, Ap	C 775	14.8	0.3	19	1	US-10-731-733-253	Sequence 253, Appl
C 703	15	0.3	17	1	US-09-866-108-6405	Sequence 6405, Ap	C 776	14.8	0.3	20	1	US-08-983-603-91	Sequence 91, Appl
C 704	15	0.3	17	1	US-09-864-785-552	Sequence 552, App	C 777	14.8	0.3	20	1	US-09-854-883-337	Sequence 347, App
C 705	15	0.3	17	1	US-10-156-306-4972	Sequence 4972, App	C 778	14.8	0.3	20	1	US-09-865-866-65	Sequence 65, Appl
C 706	15	0.3	17	1	US-10-156-306-4973	Sequence 4973, Ap	C 779	14.8	0.3	20	1	US-09-909-599-63	Sequence 63, Appl
C 707	15	0.3	17	1	US-10-156-306-6977	Sequence 6977, Ap	C 780	14.8	0.3	20	1	US-09-915-814-66	Sequence 66, Appl
C 708	15	0.3	17	1	US-10-238-700-2	Sequence 2, Appl1	C 781	14.8	0.3	20	1	US-09-920-394-49	Sequence 49, Appl
C 709	15	0.3	17	1	US-10-138-674-8013	Sequence 8013, Ap	C 782	14.8	0.3	20	1	US-09-920-866A-14	Sequence 14, Appl
C 710	15	0.3	17	1	US-10-287-949A-8013	Sequence 8013, Ap	C 783	14.8	0.3	20	1	US-10-092-140-8	Sequence 8, Appl1
C 711	15	0.3	17	1	US-10-723-361-6403	Sequence 6403, Ap	C 784	14.8	0.3	20	1	US-10-222-334-64	Sequence 64, Appl
C 712	15	0.3	17	1	US-10-723-361-6404	Sequence 6404, Ap	C 785	14.8	0.3	20	1	US-10-181-107-69	Sequence 69, Appl
C 713	15	0.3	17	1	US-10-723-361-6405	Sequence 6405, Ap	C 786	14.8	0.3	20	1	US-10-181-846-101	Sequence 101, App
C 714	15	0.3	18	1	US-09-811-92-19	Sequence 19, Appl	C 787	14.8	0.3	20	1	US-10-149-353-13	Sequence 13, Appl
C 715	15	0.3	18	1	US-10-077-383-27	Sequence 27, Appl	C 788	14.8	0.3	20	1	US-10-079-384-33	Sequence 33, Appl
C 716	15	0.3	19	1	US-10-357-488-35	Sequence 35, Appl	C 789	14.8	0.3	20	1	US-10-002-491-24	Sequence 24, Appl
C 717	15	0.3	19	1	US-10-349-143-6558	Sequence 6558, Ap	C 790	14.8	0.3	20	1	US-10-008-789-30	Sequence 30, Appl
C 718	15	0.3	19	1	US-10-235-463-19	Sequence 19, Appl	C 791	14.8	0.3	20	1	US-10-006-977A-88	Sequence 88, Appl
C 719	15	0.3	19	1	US-10-665-951-1573	Sequence 1573, Ap	C 792	14.8	0.3	20	1	US-10-027-983-28	Sequence 28, Appl
C 720	15	0.3	19	1	US-10-665-951-1820	Sequence 1820, Ap	C 793	14.8	0.3	20	1	US-10-006-191-71	Sequence 71, Appl
C 721	15	0.3	20	1	US-09-802-669-53	Sequence 53, Appl	C 794	14.8	0.3	20	1	US-10-006-191-91	Sequence 91, Appl
C 722	15	0.3	20	1	US-09-802-669-1097	Sequence 1097, Ap	C 795	14.8	0.3	20	1	US-10-169-983-20	Sequence 20, Appl
C 723	15	0.3	20	1	US-10-448-836-113	Sequence 113, App	C 796	14.8	0.3	20	1	US-10-448-753-28	Sequence 28, Appl
C 724	15	0.3	20	1	US-10-448-914A-113	Sequence 113, App	C 797	14.8	0.3	20	1	US-10-181-856-86	Sequence 86, Appl
C 725	15	0.3	20	1	US-10-619-320-53	Sequence 53, Appl	C 798	14.8	0.3	20	1	US-10-360-510-347	Sequence 347, App
C 726	15	0.3	20	1	US-10-476-021-106	Sequence 106, App	C 799	14.8	0.3	20	1	US-10-160-497-20	Sequence 20, Appl
C 727	15	0.3	21	1	US-10-165-099-244	Sequence 244, App	C 800	14.8	0.3	20	1	US-10-348-750-20	Sequence 20, Appl
C 728	15	0.3	21	1	US-10-418-182-109	Sequence 109, App	C 801	14.8	0.3	20	1	US-10-159-834-23	Sequence 23, Appl
C 729	15	0.3	21	1	US-10-418-182-341	Sequence 341, App	C 802	14.8	0.3	20	1	US-10-159-834-96	Sequence 96, Appl
C 730	15	0.3	22	1	US-09-817-014-27	Sequence 27, Appl	C 803	14.8	0.3	20	1	US-10-177-554-59	Sequence 59, Appl
C 731	15	0.3	22	1	US-10-357-488-6	Sequence 6, Appl1	C 804	14.8	0.3	20	1	US-10-177-554-195	Sequence 195, App
C 732	15	0.3	22	1	US-10-056-229-27	Sequence 27, Appl	C 805	14.8	0.3	20	1	US-10-289-762-1870	Sequence 1870, Ap
C 733	15	0.3	22	1	US-10-114-270-402	Sequence 402, App	C 806	14.8	0.3	20	1	US-10-289-762-2493	Sequence 2493, Ap
C 734	15	0.3	23	1	US-09-815-242-1	Sequence 1, Appl1	C 807	14.8	0.3	20	1	US-10-289-762-6050	Sequence 6050, Ap
C 735	15	0.3	23	1	US-09-964-261-69	Sequence 69, Appl	C 808	14.8	0.3	20	1	US-10-435-696-303	Sequence 303, App
C 736	15	0.3	23	1	US-09-883-152-93	Sequence 93, Appl	C 809	14.8	0.3	20	1	US-10-425-037-1	Sequence 1, Appl1
C 737	15	0.3	23	1	US-10-060-759A-5	Sequence 5, Appl1	C 810	14.8	0.3	20	1	US-10-273-826-39	Sequence 39, Appl
C 738	15	0.3	23	1	US-10-032-393-24	Sequence 24, Appl	C 811	14.8	0.3	20	1	US-10-274-347-39	Sequence 39, Appl
C 739	15	0.3	23	1	US-10-291-230-3	Sequence 3, Appl1	C 812	14.8	0.3	20	1	US-10-280-183A-544	Sequence 544, App
C 740	15	0.3	23	1	US-10-291-249-3	Sequence 24, Appl	C 813	14.8	0.3	20	1	US-10-293-863-15	Sequence 15, Appl
C 741	15	0.3	23	1	US-10-254-676-24	Sequence 24, Appl	C 814	14.8	0.3	20	1	US-10-293-863-51	Sequence 51, Appl
C 742	15	0.3	23	1	US-10-133-779-189	Sequence 189, App	C 815	14.8	0.3	20	1	US-10-300-263-39	Sequence 39, Appl
C 743	15	0.3	23	1	US-10-340-536-6	Sequence 6, Appl1	C 816	14.8	0.3	20	1	US-10-300-263-40	Sequence 40, Appl
C 744	15	0.3	23	1	US-10-032-585-4064	Sequence 4064, Ap	C 817	14.8	0.3	20	1	US-10-300-263-114	Sequence 114, App
C 745	15	0.3	23	1	US-10-282-122A-78588	Sequence 78588, A	C 818	14.8	0.3	20	1	US-10-300-263-115	Sequence 115, App
C 746	15	0.3	23	1	US-10-398-757-13	Sequence 13, Appl	C 819	14.8	0.3	20	1	US-10-303-266-24	Sequence 24, Appl
C 747	15	0.3	23	1	US-10-001-052-48	Sequence 48, Appl	C 820	14.8	0.3	20	1	US-10-303-266-101	Sequence 101, Appl
C 748	15	0.3	23	1	US-10-273-678-13	Sequence 13, Appl	C 821	14.8	0.3	20	1	US-10-304-116-86	Sequence 86, Appl
C 749	15	0.3	33	1	US-09-232-785-364	Sequence 364, App	C 822	14.8	0.3	20	1	US-10-316-638-26	Sequence 26, Appl
C 750	15	0.3	36	1	US-09-232-785-365	Sequence 365, App	C 823	14.8	0.3	20	1	US-10-316-638-60	Sequence 60, Appl
C 751	15	0.3	36	1	US-10-418-182-67	Sequence 67, Appl	C 824	14.8	0.3	20	1	US-10-317-401-65	Sequence 65, Appl
C 752	15	0.3	37	1	US-09-263-959-766	Sequence 766, App	C 825	14.8	0.3	20	1	US-10-317-401-139	Sequence 129, Appl
C 753	14.8	0.3	18	1	US-09-263-959-1276	Sequence 1276, Ap	C 826	14.8	0.3	20	1	US-10-317-803-86	Sequence 86, Appl
C 754	14.8	0.3	18	1	US-09-961-077-1167	Sequence 1167, Ap	C 827	14.8	0.3	20	1	US-10-318-819A-20	Sequence 20, Appl
C 755	14.8	0.3	18	1	US-09-500-700-68	Sequence 68, Appl	C 828	14.8	0.3	20	1	US-10-671-393-59	Sequence 59, Appl
C 756	14.8	0.3	18	1	US-10-205-522-126	Sequence 126, App	C 829	14.8	0.3	20	1	US-10-671-393-80	Sequence 80, Appl
C 757	14.8	0.3	18	1	US-10-205-522-142	Sequence 142, App	C 830	14.8	0.3	20	1	US-10-671-393-1275	Sequence 1275, Ap
C 758	14.8	0.3	18	1	US-10-314-405-45	Sequence 45, Appl	C 831	14.8	0.3	20	1	US-10-671-393-1460	Sequence 1460, App
C 759	14.8	0.3	18	1	US-10-149-249-1	Sequence 1, Appl1	C 832	14.8	0.3	20	1	US-10-671-393-1477	Sequence 1477, Ap
C 760	14.8	0.3	18	1	US-10-349-143-4810	Sequence 4810, Ap	C 833	14.8	0.3	20	1	US-10-666-909-17	Sequence 17, Appl
C 761	14.8	0.3	18	1	US-10-349-143-5786	Sequence 5786, Ap	C 834	14.8	0.3	20	1	US-10-666-909-65	Sequence 65, Appl
C 762	14.8	0.3	18	1	US-10-349-143-5786	Sequence 5786, Ap	C 835	14.8	0.3	20	1	US-10-449-741B-32	Sequence 32, Appl
C 763	14.8	0.3	18	1	US-10-349-143-10970	Sequence 10970, A	C 836	14.8	0.3	20	1	US-10-619-733-1596	Sequence 1596, Ap

C 837	14.8	0.3	21	1	US-09-765-081-424	Sequence 424, App	C 910	14.6	0.3	21	1	US-09-754-106-19	Sequence 19, App1
C 838	14.8	0.3	21	1	US-09-760-139-14	Sequence 14, App1	C 911	14.6	0.3	21	1	US-09-837-306-111	Sequence 11, App
C 839	14.8	0.3	21	1	US-09-969-373-2418	Sequence 2418, App	C 912	14.6	0.3	21	1	US-09-941-398-3	Sequence 3, App1
C 840	14.8	0.3	21	1	US-10-184-085A-284	Sequence 284, App	C 913	14.6	0.3	21	1	US-10-128-870-16	Sequence 16, App1
C 841	14.8	0.3	21	1	US-10-184-085A-976	Sequence 976, App	C 914	14.6	0.3	21	1	US-10-131-685-16	Sequence 16, App1
C 842	14.8	0.3	21	1	US-10-133-779-138	Sequence 138, App	C 915	14.6	0.3	21	1	US-10-252-384-19	Sequence 19, App1
C 843	14.8	0.3	21	1	US-10-367-438-186	Sequence 186, App	C 916	14.6	0.3	21	1	US-10-195-781A-10	Sequence 10, App1
C 844	14.8	0.3	21	1	US-10-453-264-21	Sequence 21, App1	C 917	14.6	0.3	21	1	US-10-005-956-468	Sequence 468, App1
C 845	14.8	0.3	21	1	US-10-371-666-26	Sequence 26, App1	C 918	14.6	0.3	21	1	US-10-005-956-743	Sequence 743, App
C 846	14.8	0.3	21	1	US-10-418-182-124	Sequence 124, App	C 919	14.6	0.3	21	1	US-10-005-956-744	Sequence 744, App
C 847	14.8	0.3	21	1	US-10-349-143-8118	Sequence 8118, App	C 920	14.6	0.3	21	1	US-10-005-956-749	Sequence 749, App
C 848	14.8	0.3	21	1	US-10-349-143-8648	Sequence 8648, App	C 921	14.6	0.3	21	1	US-10-005-956-750	Sequence 750, App
C 849	14.8	0.3	21	1	US-10-349-143-9365	Sequence 9365, App	C 922	14.6	0.3	21	1	US-10-255-434-25	Sequence 25, App1
C 850	14.8	0.3	21	1	US-10-349-143-11206	Sequence 11206, App	C 923	14.6	0.3	21	1	US-10-020-478A-15	Sequence 15, App1
C 851	14.8	0.3	21	1	US-10-786-720-2046	Sequence 2046, App	C 924	14.6	0.3	21	1	US-10-218-969-80	Sequence 80, App1
C 852	14.8	0.3	21	1	US-10-786-720-3643	Sequence 3643, App	C 925	14.6	0.3	21	1	US-10-369-378-14	Sequence 14, App1
C 853	14.8	0.3	21	1	US-10-786-720-3644	Sequence 3644, App	C 926	14.6	0.3	21	1	US-10-369-378-14	Sequence 14, App1
C 854	14.8	0.3	21	1	US-10-786-720-3645	Sequence 3645, App	C 927	14.6	0.3	21	1	US-10-369-378-14	Sequence 14, App1
C 855	14.8	0.3	21	1	US-10-786-720-4351	Sequence 4351, App	C 928	14.6	0.3	21	1	US-10-275-071-26	Sequence 26, App1
C 856	14.8	0.3	21	1	US-10-786-720-4352	Sequence 4352, App	C 929	14.6	0.3	21	1	US-10-275-071-36	Sequence 36, App1
C 857	14.8	0.3	21	1	US-10-786-720-4353	Sequence 4353, App	C 930	14.6	0.3	21	1	US-10-430-442-54	Sequence 54, App1
C 858	14.8	0.3	21	1	US-10-786-720-5083	Sequence 5083, App	C 931	14.6	0.3	21	1	US-10-091-281-295	Sequence 295, App
C 859	14.8	0.3	21	1	US-10-786-720-5084	Sequence 5084, App	C 932	14.6	0.3	21	1	US-10-091-281-296	Sequence 296, App
C 860	14.8	0.3	21	1	US-10-786-720-5085	Sequence 5085, App	C 933	14.6	0.3	21	1	US-10-114-104-50	Sequence 50, App1
C 861	14.8	0.3	21	1	US-10-786-720-12931	Sequence 12931, App	C 934	14.6	0.3	21	1	US-10-260-516-26	Sequence 26, App1
C 862	14.8	0.3	21	1	US-10-786-720-13546	Sequence 13546, App	C 935	14.6	0.3	21	1	US-10-290-461-14	Sequence 14, App1
C 863	14.8	0.3	21	1	US-10-786-720-13548	Sequence 13548, App	C 936	14.6	0.3	21	1	US-10-316-194-104	Sequence 104, App
C 864	14.8	0.3	21	1	US-10-786-720-13720	Sequence 13720, App	C 937	14.6	0.3	21	1	US-10-418-182-105	Sequence 105, App
C 865	14.8	0.3	21	1	US-10-786-720-13721	Sequence 13721, App	C 938	14.6	0.3	21	1	US-10-418-182-323	Sequence 323, App
C 866	14.8	0.3	21	1	US-10-786-720-13722	Sequence 13722, App	C 939	14.6	0.3	21	1	US-10-388-263-302	Sequence 303, App
C 867	14.8	0.3	21	1	US-10-786-720-13768	Sequence 13768, App	C 940	14.6	0.3	21	1	US-10-377-315-42	Sequence 42, App1
C 868	14.8	0.3	21	1	US-10-786-720-13769	Sequence 13769, App	C 941	14.6	0.3	21	1	US-10-349-143-33652	Sequence 3652, App
C 869	14.8	0.3	21	1	US-10-786-720-13770	Sequence 13770, App	C 942	14.6	0.3	21	1	US-10-349-143-8477	Sequence 8477, App
C 870	14.8	0.3	21	1	US-10-786-720-13802	Sequence 13802, App	C 943	14.6	0.3	21	1	US-10-349-143-1079	Sequence 1079, App
C 871	14.8	0.3	21	1	US-10-786-720-14338	Sequence 14338, App	C 944	14.6	0.3	21	1	US-10-236-392-419	Sequence 419, App
C 872	14.8	0.3	21	1	US-10-786-720-14340	Sequence 14340, App	C 945	14.6	0.3	21	1	US-10-236-392-490	Sequence 490, App
C 873	14.8	0.3	21	1	US-10-786-720-15076	Sequence 15076, App	C 946	14.6	0.3	21	1	US-10-236-392-514	Sequence 514, App
C 874	14.8	0.3	21	1	US-10-786-720-17483	Sequence 17483, App	C 947	14.6	0.3	21	1	US-10-236-392-529	Sequence 529, App
C 875	14.8	0.3	21	1	US-10-786-720-18671	Sequence 18671, App	C 948	14.6	0.3	21	1	US-10-236-392-552	Sequence 552, App
C 876	14.8	0.3	21	1	US-10-786-720-20320	Sequence 20320, App	C 949	14.6	0.3	21	1	US-10-236-392-652	Sequence 652, App
C 877	14.8	0.3	21	1	US-10-786-720-20322	Sequence 20322, App	C 950	14.6	0.3	21	1	US-10-236-392-700	Sequence 700, App
C 878	14.8	0.3	21	1	US-09-788-038-40	Sequence 40, App1	C 951	14.6	0.3	21	1	US-10-336-392-727	Sequence 727, App
C 879	14.8	0.3	22	1	US-09-969-373-3603	Sequence 3603, App	C 952	14.6	0.3	21	1	US-10-336-392-757	Sequence 757, App
C 880	14.8	0.3	22	1	US-09-263-959-610	Sequence 610, App	C 953	14.6	0.3	21	1	US-10-380-195A-3	Sequence 3, App1
C 881	14.8	0.3	22	1	US-09-837-621-40	Sequence 40, App1	C 954	14.6	0.3	21	1	US-10-380-195A-28	Sequence 28, App1
C 882	14.8	0.3	22	1	US-09-782-604-37	Sequence 37, App1	C 955	14.6	0.3	21	1	US-10-380-195A-47	Sequence 47, App1
C 883	14.8	0.3	22	1	US-10-112-645-7	Sequence 7, App1	C 956	14.6	0.3	21	1	US-10-383-864-61	Sequence 61, App1
C 884	14.8	0.3	22	1	US-10-127-816-54	Sequence 54, App1	C 957	14.6	0.3	21	1	US-10-470-991-33	Sequence 33, App1
C 885	14.8	0.3	22	1	US-10-083-246A-16	Sequence 16, App1	C 958	14.6	0.3	21	1	US-10-702-496-240	Sequence 240, App
C 886	14.8	0.3	22	1	US-10-345-092-60	Sequence 60, App1	C 959	14.6	0.3	21	1	US-10-702-496-303	Sequence 303, App
C 887	14.8	0.3	22	1	US-10-096-578-83	Sequence 83, App1	C 960	14.6	0.3	21	1	US-10-800-161-19	Sequence 19, App1
C 888	14.8	0.3	22	1	US-10-115-718A-3	Sequence 3, App1	C 961	14.6	0.3	21	1	US-10-403-442-233	Sequence 233, App
C 889	14.8	0.3	22	1	US-10-372-696-40	Sequence 40, App1	C 962	14.6	0.3	21	1	US-10-785-889-798	Sequence 798, App
C 890	14.8	0.3	22	1	US-10-032-585-4627	Sequence 4627, App	C 963	14.6	0.3	21	1	US-10-786-720-1114	Sequence 1174, App
C 891	14.8	0.3	22	1	US-10-092-900A-535	Sequence 535, App	C 964	14.6	0.3	21	1	US-10-786-720-2950	Sequence 2950, App
C 892	14.8	0.3	22	1	US-10-236-417-338	Sequence 338, App	C 965	14.6	0.3	21	1	US-10-786-720-3236	Sequence 3236, App
C 893	14.8	0.3	22	1	US-10-307-817-464	Sequence 464, App	C 966	14.6	0.3	21	1	US-10-786-720-6457	Sequence 6457, App
C 894	14.8	0.3	22	1	US-10-307-817-607	Sequence 607, App	C 967	14.6	0.3	21	1	US-10-786-720-7440	Sequence 7440, App
C 895	14.8	0.3	22	1	US-08-979-847-50	Sequence 50, App1	C 968	14.6	0.3	21	1	US-10-786-720-8414	Sequence 8414, App
C 896	14.6	0.3	21	1	US-09-825-886-6	Sequence 6, App1	C 969	14.6	0.3	21	1	US-10-786-720-9650	Sequence 9650, App
C 897	14.6	0.3	21	1	US-09-835-232-14	Sequence 14, App1	C 970	14.6	0.3	21	1	US-10-786-720-10640	Sequence 10640, App
C 898	14.6	0.3	21	1	US-09-774-414-17	Sequence 17, App1	C 971	14.6	0.3	21	1	US-10-786-720-11225	Sequence 11225, App
C 899	14.6	0.3	21	1	US-09-944-411-26	Sequence 26, App1	C 972	14.6	0.3	21	1	US-10-786-720-12721	Sequence 12721, App
C 900	14.6	0.3	21	1	US-09-759-352-24	Sequence 24, App1	C 973	14.6	0.3	21	1	US-10-786-720-12875	Sequence 12875, App
C 901	14.6	0.3	21	1	US-09-771-009-12	Sequence 12, App1	C 974	14.6	0.3	21	1	US-10-786-720-12875	Sequence 12875, App
C 902	14.6	0.3	21	1	US-09-898-659-9	Sequence 9, App1	C 975	14.6	0.3	21	1	US-10-786-720-13021	Sequence 13021, App
C 903	14.6	0.3	21	1	US-09-981-803-25	Sequence 25, App1	C 976	14.6	0.3	21	1	US-10-786-720-13025	Sequence 13025, App
C 904	14.6	0.3	21	1	US-09-896-908-3	Sequence 3, App1	C 977	14.6	0.3	21	1	US-10-786-720-13955	Sequence 13955, App
C 905	14.6	0.3	21	1	US-09-923-327-150	Sequence 150, App	C 978	14.6	0.3	21	1	US-10-786-720-14086	Sequence 14086, App
C 906	14.6	0.3	21	1	US-09-896-692B-3	Sequence 3, App1	C 979	14.6	0.3	21	1	US-10-786-720-14794	Sequence 14794, App
C 907	14.6	0.3	21	1	US-09-896-692B-4	Sequence 4, App1	C 980	14.6	0.3	21	1	US-10-786-720-19387	Sequence 19387, App
C 908	14.6	0.3	21	1	US-09-963-827B-62	Sequence 62, App1	C 981	14.6	0.3	21	1	US-10-786-720-19711	Sequence 19711, App
C 909	14.6	0.3	21	1	US-09-963-827B-62	Sequence 62, App1	C 982	14.6	0.3	21	1	US-10-786-720-19711	Sequence 19711, App

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C 985	14.6	0.3	22	1	US-09-972-331-22	Sequence 22, Appl
C 986	14.6	0.3	22	1	US-09-970-597-3	Sequence 3, Appl
C 987	14.6	0.3	22	1	US-09-860-732-28	Sequence 28, Appl
C 988	14.6	0.3	22	1	US-09-263-959-1074	Sequence 1074, Ap
C 989	14.6	0.3	22	1	US-09-957-667-3	Sequence 3, Appl
C 990	14.6	0.3	22	1	US-09-908-594-50	Sequence 50, Appl
C 991	14.6	0.3	22	1	US-09-896-6928-5	Sequence 5, Appl
C 992	14.6	0.3	22	1	US-10-029-079-1	Sequence 1, Appl
C 993	14.6	0.3	22	1	US-10-087-451-6	Sequence 6, Appl
C 994	14.6	0.3	22	1	US-10-345-092-57	Sequence 57, Appl
C 995	14.6	0.3	22	1	US-10-345-092-127	Sequence 127, Ap
C 996	14.6	0.3	22	1	US-10-039-8694-1	Sequence 1, Appl
C 997	14.6	0.3	22	1	US-10-431-438-14	Sequence 14, Appl
C 998	14.6	0.3	22	1	US-10-084-839-3145	Sequence 3145, Ap
C 999	14.6	0.3	22	1	US-10-357-488-7	Sequence 7, Appl
C 1000	14.6	0.3	22	1	US-10-351-157-65	Sequence 65, Appl
C 1001	14.6	0.3	22	1	US-10-352-554-65	Sequence 9, Appl
C 1002	14.6	0.3	22	1	US-10-164-717-9	Sequence 65, Appl
C 1003	14.6	0.3	22	1	US-10-262-445-75	Sequence 75, Appl
C 1004	14.6	0.3	22	1	US-10-274-300-69	Sequence 69, Appl
C 1005	14.6	0.3	22	1	US-10-408-601-74	Sequence 74, Appl
C 1006	14.4	0.3	22	1	US-10-211-059-311	Sequence 31, Appl
C 1007	14.4	0.3	16	1	US-10-645-471A-26	Sequence 26, Appl
C 1008	14.4	0.3	17	1	US-09-866-108-1344	Sequence 1344, Ap
C 1009	14.4	0.3	17	1	US-09-866-108-1348	Sequence 1348, Ap
C 1010	14.4	0.3	17	1	US-09-866-108-6703	Sequence 6703, Ap
C 1011	14.4	0.3	17	1	US-09-866-108-6704	Sequence 6704, Ap
C 1012	14.4	0.3	17	1	US-09-866-108-7085	Sequence 7085, Ap
C 1013	14.4	0.3	17	1	US-09-866-108-7086	Sequence 7086, Ap
C 1014	14.4	0.3	17	1	US-09-866-108-8197	Sequence 8197, Ap
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C 1017	14.4	0.3	17	1	US-09-866-108-8202	Sequence 8202, Ap
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C 1019	14.4	0.3	17	1	US-09-818-875-1096	Sequence 1096, Ap
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C 1021	14.4	0.3	17	1	US-09-877-478-1413	Sequence 1413, Ap
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C 1024	14.4	0.3	17	1	US-09-792-818-366	Sequence 366, App
C 1025	14.4	0.3	17	1	US-09-792-818-481	Sequence 481, App
C 1026	14.4	0.3	17	1	US-09-792-818-483	Sequence 483, App
C 1027	14.4	0.3	17	1	US-09-792-818-503	Sequence 503, App
C 1028	14.4	0.3	17	1	US-09-817-879-2903	Sequence 2903, Ap
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C 1032	14.4	0.3	17	1	US-10-061-201-1078	Sequence 1078, Ap
C 1033	14.4	0.3	17	1	US-10-061-201-1080	Sequence 1080, Ap
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C 1035	14.4	0.3	17	1	US-10-209-787-1096	Sequence 1096, Ap
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C 1037	14.4	0.3	17	1	US-10-321-962-29	Sequence 29, Appl
C 1038	14.4	0.3	17	1	US-10-261-185-1095	Sequence 1095, Ap
C 1039	14.4	0.3	17	1	US-10-261-185-1096	Sequence 1096, Ap
C 1040	14.4	0.3	17	1	US-10-342-902-685	Sequence 685, App
C 1041	14.4	0.3	17	1	US-10-342-902-1413	Sequence 1413, Ap
C 1042	14.4	0.3	17	1	US-10-669-841-685	Sequence 685, App
C 1043	14.4	0.3	17	1	US-10-669-841-1413	Sequence 1413, Ap
C 1044	14.4	0.3	17	1	US-10-669-841-5496	Sequence 5496, Ap
C 1045	14.4	0.3	17	1	US-10-723-361-1344	Sequence 1344, Ap
C 1046	14.4	0.3	17	1	US-10-723-361-1348	Sequence 1348, Ap
C 1047	14.4	0.3	17	1	US-10-723-361-6703	Sequence 6703, Ap
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C 1054	14.4	0.3	17	1	US-10-723-361-8202	Sequence 8202, Ap
C 1055	14.4	0.3	17	1	US-10-741-601-26358	Sequence 26358, A
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C 1057	14.4	0.3	17	1	US-10-681-074-1096	Sequence 1096, Ap
C 1058	14.4	0.3	18	1	US-09-969-371-1920	Sequence 1920, Ap
C 1059	14.4	0.3	18	1	US-09-093-927C-971	Sequence 971, App
C 1060	14.4	0.3	18	1	US-10-024-818-10	Sequence 10, Appl
C 1061	14.4	0.3	18	1	US-10-005-955-1159	Sequence 1159, Ap
C 1062	14.4	0.3	18	1	US-10-294-203-10	Sequence 10, Appl
C 1063	14.4	0.3	18	1	US-10-297-068-58	Sequence 58, Appl
C 1064	14.4	0.3	18	1	US-10-349-143-4491	Sequence 4491, Ap
C 1065	14.4	0.3	18	1	US-10-349-143-6225	Sequence 6225, Ap
C 1066	14.4	0.3	18	1	US-10-435-696-154	Sequence 154, App
C 1067	14.4	0.3	19	1	US-09-791-933-157	Sequence 157, App
C 1068	14.4	0.3	19	1	US-10-118-783-11	Sequence 11, Appl
C 1069	14.4	0.3	19	1	US-10-349-320-18	Sequence 18, Appl
C 1070	14.4	0.3	19	1	US-10-339-674-3476	Sequence 3476, Ap
C 1071	14.4	0.3	19	1	US-10-339-674-3477	Sequence 3477, Ap
C 1072	14.4	0.3	19	1	US-10-444-922-404	Sequence 404, App
C 1073	14.4	0.3	19	1	US-10-382-634-19	Sequence 19, Appl
C 1074	14.4	0.3	19	1	US-10-382-248-55	Sequence 55, Appl
C 1075	14.4	0.3	19	1	US-10-665-951-1708	Sequence 1708, Ap
C 1076	14.4	0.3	19	1	US-10-665-951-1955	Sequence 1955, Ap
C 1077	14.4	0.3	19	1	US-10-683-990-159	Sequence 59, Appl
C 1078	14.4	0.3	19	1	US-10-683-990-156	Sequence 156, App
C 1079	14.4	0.3	20	1	US-09-820-198-3	Sequence 3, Appl
C 1080	14.4	0.3	20	1	US-09-825-574-8	Sequence 8, Appl
C 1081	14.4	0.3	20	1	US-09-791-940-51	Sequence 51, Appl
C 1082	14.4	0.3	20	1	US-09-993-333-6	Sequence 6, Appl
C 1083	14.4	0.3	20	1	US-09-906-159-72	Sequence 72, Appl
C 1084	14.4	0.3	20	1	US-09-953-047-57	Sequence 57, Appl
C 1085	14.4	0.3	20	1	US-09-882-945A-8	Sequence 8, Appl
C 1086	14.4	0.3	20	1	US-09-974-028-41	Sequence 41, Appl
C 1087	14.4	0.3	20	1	US-10-116-949-73	Sequence 73, Appl
C 1088	14.4	0.3	20	1	US-10-106-366-21	Sequence 21, Appl
C 1089	14.4	0.3	20	1	US-10-032-585-5855	Sequence 5855, Ap
C 1090	14.4	0.3	20	1	US-10-388-263-521	Sequence 521, App
C 1091	14.4	0.3	20	1	US-10-178-258-27	Sequence 27, Appl
C 1092	14.4	0.3	20	1	US-10-178-258-54	Sequence 54, Appl
C 1093	14.4	0.3	20	1	US-10-349-143-9824	Sequence 9824, Ap
C 1094	14.4	0.3	20	1	US-10-190-366-10	Sequence 10, Appl
C 1095	14.4	0.3	20	1	US-10-190-366-227	Sequence 227, App
C 1096	14.4	0.3	20	1	US-10-289-766-4351	Sequence 4351, App
C 1097	14.4	0.3	20	1	US-10-199-221-35	Sequence 35, Appl
C 1098	14.4	0.3	20	1	US-10-199-221-92	Sequence 92, Appl
C 1099	14.4	0.3	20	1	US-10-200-229-56	Sequence 56, Appl
C 1100	14.4	0.3	20	1	US-10-200-229-104	Sequence 104, App
C 1101	14.4	0.3	20	1	US-10-379-008-15	Sequence 15, Appl
C 1102	14.4	0.3	20	1	US-10-210-479-67	Sequence 67, Appl
C 1103	14.4	0.3	20	1	US-10-379-747-35	Sequence 35, Appl
C 1104	14.4	0.3	20	1	US-10-379-747-41	Sequence 41, Appl
C 1105	14.4	0.3	20	1	US-10-379-747-41	Sequence 41, Appl
C 1106	14.4	0.3	20	1	US-10-211-179-29	Sequence 29, Appl
C 1107	14.4	0.3	20	1	US-10-630-401-57	Sequence 57, Appl
C 1108	14.4	0.3	20	1	US-10-432-101-3	Sequence 3, Appl
C 1109	14.4	0.3	20	1	US-10-303-325-74	Sequence 74, Appl
C 1110	14.4	0.3	20	1	US-10-303-325-142	Sequence 142, App
C 1111	14.4	0.3	20	1	US-10-304-125-22	Sequence 22, Appl
C 1112	14.4	0.3	20	1	US-10-304-125-94	Sequence 94, Appl
C 1113	14.4	0.3	20	1	US-10-316-241-20	Sequence 20, Appl
C 1114	14.4	0.3	20	1	US-10-316-241-54	Sequence 54, Appl
C 1115	14.4	0.3	20	1	US-10-317-249-40	Sequence 40, Appl
C 1116	14.4	0.3	20	1	US-10-415-463-51	Sequence 51, App
C 1117	14.4	0.3	20	1	US-10-415-463-51	Sequence 51, App
C 1118	14.4	0.3	20	1	US-10-619-739-1948	Sequence 1948, Ap
C 1119	14.4	0.3	20	1	US-09-802-320A-13	Sequence 13, Appl
C 1120	14.4	0.3	20	1	US-09-842-758-108	Sequence 108, App
C 1121	14.4	0.3	21	1	US-10-005-956-354	Sequence 354, App
C 1122	14.4	0.3	21	1		
C 1123	14.4	0.3	21	1		
C 1124	14.4	0.3	21	1		
C 1125	14.4	0.3	21	1		
C 1126	14.4	0.3	21	1		
C 1127	14.4	0.3	21	1		
C 1128	14.4	0.3	21	1		

1129	14.4	0.3	21	1	US-10-005-956-355	Sequence 355, App	C1202	14.2	0.3	19	1	US-10-206-705-254	Sequence 254, App
1130	14.4	0.3	21	1	US-10-005-956-356	Sequence 356, App	C1203	14.2	0.3	19	1	US-10-377-828-2	Sequence 2, Appl
1131	14.4	0.3	21	1	US-10-005-956-357	Sequence 357, App	C1304	14.2	0.3	19	1	US-10-333-829-199	Sequence 199, App
C1132	14.4	0.3	21	1	US-10-002-623-305	Sequence 305, App	C1305	14.2	0.3	19	1	US-10-451-822-61	Sequence 61, Appl
C1133	14.4	0.3	21	1	US-10-002-623-305	Sequence 305, App	1206	14.2	0.3	19	1	US-10-628-109-97	Sequence 97, Appl
C1134	14.4	0.3	21	1	US-10-002-623-305	Sequence 305, App	C1207	14.2	0.3	19	1	US-10-636-065-190	Sequence 190, Appl
C1135	14.4	0.3	21	1	US-10-002-623-305	Sequence 305, App	C1208	14.2	0.3	19	1	US-10-636-065-215	Sequence 215, App
C1136	14.4	0.3	21	1	US-10-002-623-305	Sequence 305, App	C1209	14.2	0.3	19	1	US-10-341-199-15	Sequence 15, Appl
C1137	14.4	0.3	21	1	US-10-002-623-305	Sequence 305, App	C1210	14.2	0.3	19	1	US-10-665-851-1474	Sequence 1150, Ap
1138	14.4	0.3	21	1	US-10-164-085A-192	Sequence 192, App	C1211	14.2	0.3	19	1	US-10-665-851-1474	Sequence 1474, Ap
C1139	14.4	0.3	21	1	US-10-408-632-24	Sequence 24, Appl	C1212	14.2	0.3	19	1	US-10-814-876-15	Sequence 15, Appl
C1140	14.4	0.3	21	1	US-10-174-333-108	Sequence 108, App	C1213	14.2	0.3	19	1	US-10-099-791E-22	Sequence 22, Appl
1141	14.4	0.3	21	1	US-10-174-333-184	Sequence 184, Appl	1214	14.2	0.3	19	1	US-10-715-117-15	Sequence 15, Appl
1142	14.4	0.3	21	1	US-10-702-496-92	Sequence 92, Appl	1215	14.2	0.3	19	1	US-10-715-117-16	Sequence 16, Appl
1143	14.4	0.3	21	1	US-10-702-496-103	Sequence 103, App	1216	14.2	0.3	19	1	US-10-715-117-13	Sequence 13, Appl
1144	14.4	0.3	21	1	US-10-702-496-211	Sequence 211, App	1217	14.2	0.3	19	1	US-10-731-739-502	Sequence 502, App
1145	14.4	0.3	21	1	US-10-702-496-257	Sequence 257, App	1218	14.2	0.3	20	1	US-09-758-881-132	Sequence 132, App
1146	14.4	0.3	21	1	US-10-702-496-257	Sequence 257, App	1219	14.2	0.3	20	1	US-09-790-417-113	Sequence 8, Appl
1147	14.4	0.3	21	1	US-10-786-720-4544	Sequence 4544, App	1220	14.2	0.3	20	1	US-09-465-589-8	Sequence 8, Appl
1148	14.4	0.3	21	1	US-10-786-720-5276	Sequence 5276, App	C1221	14.2	0.3	20	1	US-09-465-589-8	Sequence 3, Appl
C1149	14.4	0.3	21	1	US-10-786-720-15038	Sequence 15038, A	1222	14.2	0.3	20	1	US-09-733-294A-21	Sequence 21, Appl
C1150	14.4	0.3	21	1	US-10-786-720-15038	Sequence 15038, A	1223	14.2	0.3	20	1	US-09-733-294A-39	Sequence 39, Appl
C1151	14.4	0.3	21	1	US-10-786-720-16076	Sequence 16076, A	1224	14.2	0.3	20	1	US-09-810-560-13	Sequence 13, Appl
C1152	14.4	0.3	21	1	US-10-786-720-16076	Sequence 16076, A	1225	14.2	0.3	20	1	US-09-752-639-57	Sequence 57, Appl
1153	14.4	0.3	22	1	US-08-424-550B-708	Sequence 708, App	1226	14.2	0.3	20	1	US-09-984-198-57	Sequence 57, Appl
C1154	14.4	0.3	22	1	US-09-839-479-20	Sequence 20, Appl	1227	14.2	0.3	20	1	US-09-927-160-7	Sequence 7, Appl
1155	14.4	0.3	22	1	US-09-931-836-24	Sequence 24, Appl	C1228	14.2	0.3	20	1	US-09-870-956-33	Sequence 33, Appl
1156	14.4	0.3	22	1	US-10-036-342-24	Sequence 24, Appl	1229	14.2	0.3	20	1	US-09-909-920-124	Sequence 124, App
1157	14.4	0.3	22	1	US-10-036-041-24	Sequence 24, Appl	1230	14.2	0.3	20	1	US-09-909-088B-124	Sequence 124, App
1158	14.4	0.3	22	1	US-10-036-855-24	Sequence 24, Appl	1231	14.2	0.3	20	1	US-09-911-176B-9	Sequence 9, Appl
1159	14.4	0.3	22	1	US-10-036-214-24	Sequence 24, Appl	1232	14.2	0.3	20	1	US-09-905-291A-114	Sequence 124, App
1160	14.4	0.3	22	1	US-10-036-719-24	Sequence 24, Appl	1233	14.2	0.3	20	1	US-09-953-499-16	Sequence 16, Appl
1161	14.4	0.3	22	1	US-10-036-160-24	Sequence 24, Appl	1234	14.2	0.3	20	1	US-09-902-853-124	Sequence 124, App
1162	14.4	0.3	22	1	US-10-036-958-24	Sequence 24, Appl	1235	14.2	0.3	20	1	US-09-907-824-124	Sequence 124, App
1163	14.4	0.3	22	1	US-10-036-150-24	Sequence 24, Appl	1236	14.2	0.3	20	1	US-09-907-824-124	Sequence 124, App
1164	14.4	0.3	22	1	US-10-036-063-24	Sequence 24, Appl	1237	14.2	0.3	20	1	US-09-904-011-124	Sequence 124, App
1165	14.4	0.3	22	1	US-10-296-995-88	Sequence 88, Appl	C1238	14.2	0.3	20	1	US-09-898-361-128	Sequence 128, App
1166	14.4	0.3	22	1	US-10-035-977-24	Sequence 24, Appl	C1239	14.2	0.3	20	1	US-09-870-002-20	Sequence 20, Appl
C1167	14.4	0.3	22	1	US-10-376-537-20	Sequence 20, Appl	1240	14.2	0.3	20	1	US-09-903-640-124	Sequence 124, App
C1168	14.4	0.3	22	1	US-10-313-963A-35	Sequence 35, Appl	1241	14.2	0.3	20	1	US-09-908-093-124	Sequence 124, App
C1169	14.4	0.3	22	1	US-10-702-148-20	Sequence 20, Appl	1242	14.2	0.3	20	1	US-09-824-322B-51	Sequence 51, Appl
C1170	14.4	0.3	32	1	US-09-910-469-132	Sequence 132, App	1243	14.2	0.3	20	1	US-09-824-322B-135	Sequence 135, App
C1171	14.4	0.3	32	1	US-09-910-469-152	Sequence 152, App	C1244	14.2	0.3	20	1	US-09-824-322B-287	Sequence 287, App
C1172	14.4	0.3	32	1	US-09-910-469-152	Sequence 152, App	C1245	14.2	0.3	20	1	US-09-824-322B-374	Sequence 374, App
C1173	14.2	0.3	19	1	US-09-834-722-4	Sequence 4, Appl	1246	14.2	0.3	20	1	US-09-906-742-124	Sequence 124, App
1174	14.2	0.3	19	1	US-09-901-464A-435	Sequence 435, App	1247	14.2	0.3	20	1	US-09-888-326-618	Sequence 124, App
1175	14.2	0.3	19	1	US-09-969-373-2206	Sequence 2206, App	1248	14.2	0.3	20	1	US-09-906-838-124	Sequence 124, App
1176	14.2	0.3	19	1	US-09-853-526-435	Sequence 435, App	1249	14.2	0.3	20	1	US-09-907-613-124	Sequence 124, App
1177	14.2	0.3	19	1	US-09-943-416A-10	Sequence 10, Appl	1250	14.2	0.3	20	1	US-09-907-942-124	Sequence 124, App
C1178	14.2	0.3	19	1	US-09-825-155-5	Sequence 5, Appl	1251	14.2	0.3	20	1	US-09-904-859-124	Sequence 124, App
C1179	14.2	0.3	19	1	US-10-032-242A-5	Sequence 5, Appl	1252	14.2	0.3	20	1	US-09-909-204-124	Sequence 124, App
C1180	14.2	0.3	19	1	US-10-219-616-15	Sequence 15, Appl	1253	14.2	0.3	20	1	US-09-904-820-124	Sequence 124, App
1181	14.2	0.3	19	1	US-10-100-608B-22	Sequence 22, Appl	1254	14.2	0.3	20	1	US-09-904-820-124	Sequence 124, App
C1182	14.2	0.3	19	1	US-10-005-956-98	Sequence 98, Appl	1255	14.2	0.3	20	1	US-09-906-646-124	Sequence 124, App
1183	14.2	0.3	19	1	US-10-224-005-19	Sequence 19, Appl	1256	14.2	0.3	20	1	US-09-906-646-124	Sequence 124, App
C1184	14.2	0.3	19	1	US-10-224-005-19	Sequence 19, Appl	1257	14.2	0.3	20	1	US-09-858-152A-124	Sequence 124, App
1185	14.2	0.3	19	1	US-10-080-381B-32	Sequence 32, Appl	1258	14.2	0.3	20	1	US-09-903-786-124	Sequence 124, App
C1186	14.2	0.3	19	1	US-10-127-890-92	Sequence 92, Appl	1259	14.2	0.3	20	1	US-09-902-903-124	Sequence 124, App
1187	14.2	0.3	19	1	US-10-251-117-119	Sequence 119, App	C1260	14.2	0.3	20	1	US-09-828-344-36	Sequence 36, Appl
C1188	14.2	0.3	19	1	US-10-251-117-368	Sequence 368, App	1261	14.2	0.3	20	1	US-09-865-866-30	Sequence 30, Appl
C1189	14.2	0.3	19	1	US-10-225-023-466	Sequence 466, App	1262	14.2	0.3	20	1	US-09-903-749B-114	Sequence 124, App
1190	14.2	0.3	19	1	US-10-428-826-53	Sequence 53, Appl	1263	14.2	0.3	20	1	US-09-904-119-124	Sequence 124, App
1191	14.2	0.3	19	1	US-10-204-884-8	Sequence 8, Appl	1264	14.2	0.3	20	1	US-09-904-956-124	Sequence 124, App
1192	14.2	0.3	19	1	US-10-204-884-8	Sequence 8, Appl	1265	14.2	0.3	20	1	US-09-902-736-124	Sequence 124, App
1193	14.2	0.3	19	1	US-10-400-382-299	Sequence 299, App	1266	14.2	0.3	20	1	US-09-903-943-124	Sequence 124, App
C1194	14.2	0.3	19	1	US-10-424-233-63	Sequence 63, Appl	1267	14.2	0.3	20	1	US-09-904-462-124	Sequence 124, App
C1195	14.2	0.3	19	1	US-10-349-143-7014	Sequence 7014, App	1268	14.2	0.3	20	1	US-09-907-925-124	Sequence 124, App
C1196	14.2	0.3	19	1	US-10-349-143-7014	Sequence 7014, App	1269	14.2	0.3	20	1	US-09-902-692-124	Sequence 124, App
C1197	14.2	0.3	19	1	US-10-349-143-7014	Sequence 7014, App	1270	14.2	0.3	20	1	US-09-903-520-124	Sequence 124, App
C1198	14.2	0.3	19	1	US-10-444-925-155	Sequence 155, App	1271	14.2	0.3	20	1	US-09-905-056-124	Sequence 124, App
1199	14.2	0.3	19	1	US-10-444-925-155	Sequence 155, App	1272	14.2	0.3	20	1	US-09-909-064-124	Sequence 124, App
1200	14.2	0.3	19	1	US-10-206-705-69	Sequence 69, Appl	1273	14.2	0.3	20	1	US-09-904-553-124	Sequence 124, App
1201	14.2	0.3	19	1	US-10-206-705-69	Sequence 69, Appl	1274	14.2	0.3	20	1	US-09-904-553-124	Sequence 124, App

1275	14.2	0.3	20	1	US-09-905-381-124	Sequence 124, App	c1348	14.2	0.3	20	1	US-10-017-995-1055	Sequence 1055, Ap
1276	14.2	0.3	20	1	US-09-904-485-124	Sequence 124, App	c1349	14.2	0.3	20	1	US-10-159-901-15	Sequence 15, Appl
1277	14.2	0.3	20	1	US-09-905-348-124	Sequence 124, App	c1350	14.2	0.3	20	1	US-10-152-297-12	Sequence 12, Appl
c1278	14.2	0.3	20	1	US-09-888-361-128	Sequence 128, App	1351	14.2	0.3	20	1	US-10-241-258-9	Sequence 9, Appl1
1279	14.2	0.3	20	1	US-09-905-088-124	Sequence 124, App	c1352	14.2	0.3	20	1	US-10-090-011-14	Sequence 14, Appl
1280	14.2	0.3	20	1	US-09-907-575-124	Sequence 124, App	c1353	14.2	0.3	20	1	US-10-181-846-69	Sequence 69, Appl
1281	14.2	0.3	20	1	US-09-905-075-124	Sequence 124, App	c1354	14.2	0.3	20	1	US-10-227-616-95	Sequence 95, Appl
1282	14.2	0.3	20	1	US-09-902-759-124	Sequence 124, App	c1355	14.2	0.3	20	1	US-10-057-834A-71	Sequence 71, Appl
1283	14.2	0.3	20	1	US-09-782-974C-139	Sequence 139, App	1356	14.2	0.3	20	1	US-10-226-739-96	Sequence 96, Appl
1284	14.2	0.3	20	1	US-09-782-974C-168	Sequence 168, App	c1357	14.2	0.3	20	1	US-10-149-355-6	Sequence 6, Appl1
1285	14.2	0.3	20	1	US-09-902-634-124	Sequence 124, App	1358	14.2	0.3	20	1	US-10-196-183-4	Sequence 4, Appl1
1286	14.2	0.3	20	1	US-09-902-713-124	Sequence 124, App	1359	14.2	0.3	20	1	US-10-006-430-29	Sequence 29, Appl
1287	14.2	0.3	20	1	US-09-907-979-124	Sequence 124, App	1360	14.2	0.3	20	1	US-10-230-455-6	Sequence 6, Appl1
c1288	14.2	0.3	20	1	US-09-912-724-23	Sequence 23, Appl	1361	14.2	0.3	20	1	US-10-027-983-88	Sequence 88, Appl
c1289	14.2	0.3	20	1	US-09-915-485-25	Sequence 25, Appl	1362	14.2	0.3	20	1	US-10-360-186-9	Sequence 9, Appl1
c1290	14.2	0.3	20	1	US-09-915-485-26	Sequence 26, Appl	1363	14.2	0.3	20	1	US-10-348-488-37	Sequence 37, Appl
c1291	14.2	0.3	20	1	US-09-915-485-39	Sequence 39, Appl	1364	14.2	0.3	20	1	US-10-083-248A-149	Sequence 149, App
c1292	14.2	0.3	20	1	US-09-915-485-89	Sequence 89, Appl	c1365	14.2	0.3	20	1	US-10-277-243-11	Sequence 11, Appl
1293	14.2	0.3	20	1	US-09-917-963-29	Sequence 29, Appl	c1366	14.2	0.3	20	1	US-10-376-566-35	Sequence 35, Appl
1294	14.2	0.3	20	1	US-09-776-479-48	Sequence 48, Appl	1367	14.2	0.3	20	1	US-10-376-566-87	Sequence 87, Appl
1295	14.2	0.3	20	1	US-09-776-479-48	Sequence 48, Appl	c1368	14.2	0.3	20	1	US-10-167-547C-42	Sequence 42, Appl
c1296	14.2	0.3	20	1	US-09-776-479-1055	Sequence 1055, Ap	1369	14.2	0.3	20	1	US-10-065-198-96	Sequence 96, Appl
c1297	14.2	0.3	20	1	US-09-776-479-1055	Sequence 1055, Ap	1370	14.2	0.3	20	1	US-10-265-54-16	Sequence 16, Appl
c1298	14.2	0.3	20	1	US-09-920-033-24	Sequence 24, Appl	c1371	14.2	0.3	20	1	US-10-053-645A-38	Sequence 28, Appl
c1299	14.2	0.3	20	1	US-09-920-033-24	Sequence 24, Appl	1372	14.2	0.3	20	1	US-10-305-810-44	Sequence 44, Appl
1300	14.2	0.3	20	1	US-09-902-615-124	Sequence 124, App	1373	14.2	0.3	20	1	US-10-392-531-9	Sequence 9, Appl1
c1301	14.2	0.3	20	1	US-09-845-042-16	Sequence 16, Appl	1374	14.2	0.3	20	1	US-10-392-531-9	Sequence 9, Appl1
c1302	14.2	0.3	20	1	US-09-967-659-76	Sequence 76, Appl	c1375	14.2	0.3	20	1	US-10-262-666-14	Sequence 14, Appl
1303	14.2	0.3	20	1	US-09-903-925-124	Sequence 124, App	1376	14.2	0.3	20	1	US-10-299-97-124	Sequence 124, App
1304	14.2	0.3	20	1	US-09-906-760A-124	Sequence 124, App	1377	14.2	0.3	20	1	US-10-066-203-96	Sequence 96, Appl
c1305	14.2	0.3	20	1	US-09-915-814-144	Sequence 144, App	1378	14.2	0.3	20	1	US-10-032-585-4265	Sequence 4265, Ap
c1306	14.2	0.3	20	1	US-09-870-406A-15	Sequence 15, Appl	1379	14.2	0.3	20	1	US-10-032-585-5326	Sequence 5326, Ap
1307	14.2	0.3	20	1	US-09-903-823-124	Sequence 124, App	c1380	14.2	0.3	20	1	US-10-032-585-5522	Sequence 5522, Ap
1308	14.2	0.3	20	1	US-09-907-652-124	Sequence 124, App	1381	14.2	0.3	20	1	US-10-032-585-5770	Sequence 5770, Ap
1309	14.2	0.3	20	1	US-09-930-433-7	Sequence 7, Appl1	1382	14.2	0.3	20	1	US-10-299-937-124	Sequence 124, App
1310	14.2	0.3	20	1	US-09-993-731-23	Sequence 23, Appl	1383	14.2	0.3	20	1	US-10-352-613-21	Sequence 21, Appl
1311	14.2	0.3	20	1	US-09-902-572A-124	Sequence 124, App	c1384	14.2	0.3	20	1	US-10-148-835-119	Sequence 119, App
1312	14.2	0.3	20	1	US-09-902-979-124	Sequence 124, App	1385	14.2	0.3	20	1	US-10-298-993-181	Sequence 124, App
1313	14.2	0.3	20	1	US-09-905-125-124	Sequence 124, App	1386	14.2	0.3	20	1	US-10-144-140-81	Sequence 81, Appl
1314	14.2	0.3	20	1	US-09-906-815A-124	Sequence 124, App	1387	14.2	0.3	20	1	US-10-448-755-88	Sequence 88, Appl
1315	14.2	0.3	20	1	US-09-905-449-124	Sequence 124, App	1388	14.2	0.3	20	1	US-10-314-578-48	Sequence 48, Appl
c1316	14.2	0.3	20	1	US-09-791-392A-8	Sequence 8, Appl1	c1389	14.2	0.3	20	1	US-10-314-578-1055	Sequence 1055, Ap
1317	14.2	0.3	20	1	US-09-903-806-124	Sequence 124, App	1390	14.2	0.3	20	1	US-10-419-544-2	Sequence 2, Appl1
1318	14.2	0.3	20	1	US-09-904-992-124	Sequence 124, App	c1391	14.2	0.3	20	1	US-10-147-196-24	Sequence 24, Appl
1319	14.2	0.3	20	1	US-09-904-838-124	Sequence 124, App	c1392	14.2	0.3	20	1	US-10-174-364-81	Sequence 81, Appl
1320	14.2	0.3	20	1	US-09-906-777-124	Sequence 124, App	c1393	14.2	0.3	20	1	US-10-154-708-88	Sequence 88, Appl
1321	14.2	0.3	20	1	US-09-903-603A-124	Sequence 124, App	1394	14.2	0.3	20	1	US-10-154-708-142	Sequence 142, App
1322	14.2	0.3	20	1	US-09-904-532-124	Sequence 124, App	c1395	14.2	0.3	20	1	US-10-159-266-48	Sequence 48, Appl
1323	14.2	0.3	20	1	US-09-904-766-124	Sequence 124, App	1396	14.2	0.3	20	1	US-10-159-266-122	Sequence 122, App
1324	14.2	0.3	20	1	US-09-904-920A-124	Sequence 124, App	c1397	14.2	0.3	20	1	US-10-160-807-64	Sequence 64, Appl
c1325	14.2	0.3	20	1	US-09-851-871-33-	Sequence 33, Appl	1398	14.2	0.3	20	1	US-10-160-807-212	Sequence 212, Appl
1326	14.2	0.3	20	1	US-09-904-872A-124	Sequence 124, App	c1399	14.2	0.3	20	1	US-10-161-996-134	Sequence 134, App
1327	14.2	0.3	20	1	US-09-903-562-124	Sequence 124, App	1400	14.2	0.3	20	1	US-10-448-923-124	Sequence 124, App
1328	14.2	0.3	20	1	US-09-906-618-124	Sequence 124, App	1401	14.2	0.3	20	1	US-10-004-378A-157	Sequence 157, App
1329	14.2	0.3	20	1	US-09-907-728-124	Sequence 124, App	c1402	14.2	0.3	20	1	US-10-388-265-556	Sequence 556, App
1330	14.2	0.3	20	1	US-09-904-805-124	Sequence 124, App	1403	14.2	0.3	20	1	US-10-174-771-13	Sequence 13, Appl
1331	14.2	0.3	20	1	US-09-904-938A-124	Sequence 124, App	c1404	14.2	0.3	20	1	US-10-174-771-56	Sequence 56, Appl
1332	14.2	0.3	20	1	US-09-906-722A-124	Sequence 124, App	1405	14.2	0.3	20	1	US-10-174-771-125	Sequence 125, App
1333	14.2	0.3	20	1	US-09-908-576-124	Sequence 124, App	c1406	14.2	0.3	20	1	US-10-186-157-16	Sequence 16, Appl
1334	14.2	0.3	20	1	US-09-960-143-18	Sequence 18, Appl	1407	14.2	0.3	20	1	US-10-173-811-22	Sequence 22, Appl
c1335	14.2	0.3	20	1	US-09-960-143-50	Sequence 50, Appl	1408	14.2	0.3	20	1	US-10-173-811-93	Sequence 93, Appl
c1336	14.2	0.3	20	1	US-10-006-611-21	Sequence 21, Appl	1409	14.2	0.3	20	1	US-10-177-798-29	Sequence 29, Appl
1337	14.2	0.3	20	1	US-10-066-500-96	Sequence 96, Appl	1410	14.2	0.3	20	1	US-10-271-602B-59	Sequence 29, Appl
c1338	14.2	0.3	20	1	US-10-004-551-95	Sequence 95, Appl	1411	14.2	0.3	20	1	US-10-271-602B-59	Sequence 29, Appl
1339	14.2	0.3	20	1	US-10-180-762-9	Sequence 9, Appl1	1412	14.2	0.3	20	1	US-10-186-157-16	Sequence 16, Appl
1340	14.2	0.3	20	1	US-10-002-796-96	Sequence 96, Appl	c1413	14.2	0.3	20	1	US-10-369-435-56	Sequence 56, Appl
1341	14.2	0.3	20	1	US-10-066-273-96	Sequence 96, Appl	1414	14.2	0.3	20	1	US-10-174-014-30	Sequence 30, Appl
1342	14.2	0.3	20	1	US-10-066-494-96	Sequence 96, Appl	c1415	14.2	0.3	20	1	US-10-174-014-61	Sequence 61, Appl
1343	14.2	0.3	20	1	US-10-066-269-96	Sequence 96, Appl	1416	14.2	0.3	20	1	US-10-188-646-83	Sequence 83, Appl
1344	14.2	0.3	20	1	US-10-066-211-96	Sequence 96, Appl	c1417	14.2	0.3	20	1	US-10-188-646-147	Sequence 147, App
1345	14.2	0.3	20	1	US-10-066-193-96	Sequence 96, Appl	1418	14.2	0.3	20	1	US-10-349-143-5539	Sequence 5539, Ap
c1346	14.2	0.3	20	1	US-10-112-653-999	Sequence 999, App	c1419	14.2	0.3	20	1	US-10-349-143-7908	Sequence 7908, Ap
1347	14.2	0.3	20	1	US-10-017-995-48	Sequence 48, Appl	c1420	14.2	0.3	20	1	US-10-349-143-8384	Sequence 8384, Ap

1421	14.2	0.3	20	1	US-10-349-143-10419	Sequence 10419, A	c1494	14.2	0.3	20	1	US-10-316-244-96	Sequence 96, App1
c1422	14.2	0.3	20	1	US-10-437-733-31	Sequence 31, App1	1495	14.2	0.3	20	1	US-10-316-244-194	Sequence 194, App
1423	14.2	0.3	20	1	US-10-449-656-124	Sequence 124, App	c1496	14.2	0.3	20	1	US-10-316-516-23	Sequence 23, App1
1424	14.2	0.3	20	1	US-10-189-267-56	Sequence 56, App1	1497	14.2	0.3	20	1	US-10-316-516-72	Sequence 72, App1
c1425	14.2	0.3	20	1	US-10-189-267-199	Sequence 199, App	c1498	14.2	0.3	20	1	US-10-316-516-126	Sequence 126, App1
1426	14.2	0.3	20	1	US-10-448-713-124	Sequence 124, App	c1499	14.2	0.3	20	1	US-10-316-667-27	Sequence 27, App1
c1427	14.2	0.3	20	1	US-10-289-762-1329	Sequence 1329, App	1500	14.2	0.3	20	1	US-10-316-667-55	Sequence 55, App1
1428	14.2	0.3	20	1	US-10-289-762-1354	Sequence 1354, App	c1501	14.2	0.3	20	1	US-10-317-803-125	Sequence 125, App
c1429	14.2	0.3	20	1	US-10-289-762-3148	Sequence 3148, App	1502	14.2	0.3	20	1	US-10-319-893-69	Sequence 69, App1
1430	14.2	0.3	20	1	US-10-289-762-4014	Sequence 4014, App	c1503	14.2	0.3	20	1	US-10-319-893-144	Sequence 144, App1
1431	14.2	0.3	20	1	US-10-289-762-4648	Sequence 4648, App	1504	14.2	0.3	20	1	US-10-319-914-55	Sequence 55, App1
c1432	14.2	0.3	20	1	US-10-289-762-6018	Sequence 6018, App	c1505	14.2	0.3	20	1	US-10-319-914-133	Sequence 133, App
c1433	14.2	0.3	20	1	US-10-289-762-6232	Sequence 6232, App	1506	14.2	0.3	20	1	US-10-319-915-23	Sequence 23, App1
c1434	14.2	0.3	20	1	US-10-289-762-6317	Sequence 6317, App	1507	14.2	0.3	20	1	US-10-319-915-160	Sequence 160, App
1435	14.2	0.3	20	1	US-10-289-762-6458	Sequence 6458, App	c1508	14.2	0.3	20	1	US-10-316-515-36	Sequence 36, App1
c1436	14.2	0.3	20	1	US-10-199-199-23	Sequence 23, App1	1509	14.2	0.3	20	1	US-10-667-008-23	Sequence 23, App1
1437	14.2	0.3	20	1	US-10-199-675-25	Sequence 25, App1	1510	14.2	0.3	20	1	US-10-633-008-16	Sequence 16, App1
c1438	14.2	0.3	20	1	US-10-199-675-93	Sequence 93, App1	1511	14.2	0.3	20	1	US-10-318-389-56	Sequence 56, App1
1439	14.2	0.3	20	1	US-10-198-695-9	Sequence 9, App1	1512	14.2	0.3	20	1	US-10-763-992-19	Sequence 19, App1
1440	14.2	0.3	20	1	US-10-435-696-217	Sequence 217, App	c1513	14.2	0.3	20	1	US-10-663-2088-20	Sequence 20, App1
1441	14.2	0.3	20	1	US-10-435-696-287	Sequence 287, App	c1514	14.2	0.3	20	1	US-10-671-395-128	Sequence 128, App
1442	14.2	0.3	20	1	US-10-440-464-177	Sequence 177, App	c1515	14.2	0.3	20	1	US-10-671-395-214	Sequence 214, App
c1443	14.2	0.3	20	1	US-10-161-493-189	Sequence 189, App	c1516	14.2	0.3	20	1	US-10-671-395-351	Sequence 351, App
c1444	14.2	0.3	20	1	US-10-161-493-194	Sequence 194, App	c1517	14.2	0.3	20	1	US-10-671-395-401	Sequence 401, App
1445	14.2	0.3	20	1	US-10-379-182-4	Sequence 4, App1	1518	14.2	0.3	20	1	US-10-671-395-534	Sequence 534, App
1446	14.2	0.3	20	1	US-10-425-447-124	Sequence 124, App	1519	14.2	0.3	20	1	US-10-671-395-786	Sequence 786, App
1447	14.2	0.3	20	1	US-10-211-179-39	Sequence 39, App1	1520	14.2	0.3	20	1	US-10-671-395-1189	Sequence 1189, App
c1448	14.2	0.3	20	1	US-10-444-206-33	Sequence 33, App1	1521	14.2	0.3	20	1	US-10-671-395-11297	Sequence 1297, App
c1449	14.2	0.3	20	1	US-10-312-184A-40	Sequence 40, App1	1522	14.2	0.3	20	1	US-10-728-399-278	Sequence 278, App
1450	14.2	0.3	20	1	US-10-467-019-35	Sequence 35, App1	1523	14.2	0.3	20	1	US-10-728-399-370	Sequence 370, App
c1451	14.2	0.3	20	1	US-10-382-478A-8	Sequence 8, App1	c1524	14.2	0.3	20	1	US-10-745-377-21	Sequence 21, App1
c1452	14.2	0.3	20	1	US-10-380-124-64	Sequence 64, App1	c1525	14.2	0.3	20	1	US-10-646-301A-20	Sequence 20, App1
c1453	14.2	0.3	20	1	US-10-312-045-8	Sequence 8, App1	1526	14.2	0.3	20	1	US-10-215-371-124	Sequence 124, App
c1454	14.2	0.3	20	1	US-10-246-583-81	Sequence 81, App1	1527	14.2	0.3	20	1	US-10-783-415-11	Sequence 11, App1
c1455	14.2	0.3	20	1	US-10-655-847-64	Sequence 64, App1	1528	14.2	0.3	20	1	US-10-785-220-16	Sequence 16, App1
1456	14.2	0.3	20	1	US-10-655-847-212	Sequence 212, App	1529	14.2	0.3	20	1	US-10-785-221-15	Sequence 15, App1
c1457	14.2	0.3	20	1	US-10-432-412-29	Sequence 29, App1	1530	14.2	0.3	20	1	US-10-785-433-16	Sequence 16, App1
c1458	14.2	0.3	20	1	US-10-643-130-20	Sequence 20, App1	1531	14.2	0.3	20	1	US-10-652-795-51	Sequence 51, App1
1459	14.2	0.3	20	1	US-10-418-251-1	Sequence 1, App1	1532	14.2	0.3	20	1	US-10-652-795-195	Sequence 195, App1
c1460	14.2	0.3	20	1	US-10-363-828-61	Sequence 61, App1	c1533	14.2	0.3	20	1	US-10-652-795-287	Sequence 287, App
c1461	14.2	0.3	20	1	US-10-619-284A-74	Sequence 74, App1	c1534	14.2	0.3	20	1	US-10-652-795-374	Sequence 374, App1
c1462	14.2	0.3	20	1	US-10-619-284A-52	Sequence 52, App1	1535	14.2	0.3	20	1	US-10-647-918-51	Sequence 51, App1
1463	14.2	0.3	20	1	US-10-280-183A-455	Sequence 455, App	1536	14.2	0.3	20	1	US-10-647-918-195	Sequence 195, App
1464	14.2	0.3	20	1	US-10-280-183A-457	Sequence 457, App	c1537	14.2	0.3	20	1	US-10-647-918-287	Sequence 287, App
c1465	14.2	0.3	20	1	US-10-643-432-22	Sequence 22, App1	c1538	14.2	0.3	20	1	US-10-647-918-374	Sequence 374, App
c1466	14.2	0.3	20	1	US-10-643-432-93	Sequence 93, App1	c1539	14.2	0.3	20	1	US-10-736-185-86	Sequence 86, App1
c1467	14.2	0.3	20	1	US-10-621-758A-20	Sequence 20, App1	c1540	14.2	0.3	20	1	US-10-736-769-20	Sequence 20, App1
1468	14.2	0.3	20	1	US-10-298-123-45	Sequence 45, App1	c1541	14.2	0.3	20	1	US-10-641-455A-185	Sequence 185, App
1469	14.2	0.3	20	1	US-10-298-123-74	Sequence 74, App1	1542	14.2	0.3	20	1	US-10-755-889-810	Sequence 810, App
1470	14.2	0.3	20	1	US-10-298-554-40	Sequence 40, App1	1543	14.2	0.3	20	1	US-10-619-739-175	Sequence 175, App
1471	14.2	0.3	20	1	US-10-300-399-17	Sequence 17, App1	c1544	14.2	0.3	20	1	US-10-744-633-23	Sequence 23, App1
c1472	14.2	0.3	20	1	US-10-300-399-34	Sequence 34, App1	1545	14.2	0.3	20	1	US-10-389-033-2	Sequence 2, App1
c1473	14.2	0.3	20	1	US-10-300-399-95	Sequence 95, App1	1546	14.2	0.3	20	1	US-10-771-187-124	Sequence 124, App
c1474	14.2	0.3	20	1	US-10-300-611-14	Sequence 14, App1	1547	14.2	0.3	20	1	US-10-476-021-102	Sequence 102, App
1475	14.2	0.3	20	1	US-10-300-611-86	Sequence 86, App1	c1548	14.2	0.3	20	1	US-10-741-789A-62	Sequence 62, App1
1476	14.2	0.3	20	1	US-10-300-820-70	Sequence 70, App1	c1549	14.2	0.3	20	1	US-10-369-378-44	Sequence 44, App1
c1477	14.2	0.3	20	1	US-10-300-820-145	Sequence 145, App1	c1550	14.2	0.3	20	1	US-09-895-072-41	Sequence 41, App1
1478	14.2	0.3	20	1	US-10-303-329-45	Sequence 45, App1	1551	14.2	0.3	20	1	US-09-303-510-27	Sequence 27, App1
1479	14.2	0.3	20	1	US-10-362-504-67	Sequence 67, App1	1552	14.2	0.3	20	1	US-09-765-081-353	Sequence 353, App
c1480	14.2	0.3	20	1	US-10-302-028-26	Sequence 26, App1	1553	14.2	0.3	20	1	US-09-303-040-27	Sequence 27, App1
c1481	14.2	0.3	20	1	US-10-302-028-61	Sequence 61, App1	c1554	14.2	0.3	20	1	US-09-888-615-125	Sequence 125, App
c1482	14.2	0.3	20	1	US-10-304-125-24	Sequence 24, App1	c1555	14.2	0.3	20	1	US-09-789-529-80	Sequence 80, App1
1483	14.2	0.3	20	1	US-10-304-125-95	Sequence 95, App1	c1556	14.2	0.3	20	1	US-09-97-4388-8	Sequence 8, App1
1484	14.2	0.3	20	1	US-10-688-706-922	Sequence 922, App	c1557	14.2	0.3	20	1	US-09-97-4388-8	Sequence 8, App1
1485	14.2	0.3	20	1	US-10-688-706-1679	Sequence 1679, App	1558	14.2	0.3	20	1	US-09-908-193-54	Sequence 54, App1
1486	14.2	0.3	20	1	US-10-304-019-19	Sequence 19, App1	1559	14.2	0.3	20	1	US-09-888-326-227	Sequence 227, App
c1487	14.2	0.3	20	1	US-10-304-019-90	Sequence 90, App1	c1560	14.2	0.3	20	1	US-09-888-326-255	Sequence 255, App
c1488	14.2	0.3	20	1	US-10-315-765-16	Sequence 16, App1	c1561	14.2	0.3	20	1	US-09-932-300-44	Sequence 42, App1
1489	14.2	0.3	20	1	US-10-315-765-85	Sequence 85, App1	c1562	14.2	0.3	20	1	US-09-932-785-390	Sequence 390, App
1490	14.2	0.3	20	1	US-10-316-243-29	Sequence 29, App1	1563	14.2	0.3	20	1	US-09-946-374-454	Sequence 454, App
c1491	14.2	0.3	20	1	US-10-316-243-50	Sequence 50, App1	1564	14.2	0.3	20	1	US-09-776-479-129	Sequence 129, App
c1492	14.2	0.3	20	1	US-10-316-243-107	Sequence 107, App	1565	14.2	0.3	20	1	US-09-776-479-129	Sequence 129, App
1493	14.2	0.3	20	1	US-10-316-243-128	Sequence 128, App	c1566	14.2	0.3	20	1	US-09-776-479-130	Sequence 130, App

c1567	14.2	0.3	21	1	US-09-776-479-130	Sequence 130, App	1640	14.2	0.3	21	1	US-10-015-480A-454	Sequence 454, App
1568	14.2	0.3	21	1	US-09-952-213D-11	Sequence 11, Appl	1641	14.2	0.3	21	1	US-10-015-715A-454	Sequence 454, App
1569	14.2	0.3	21	1	US-09-902-563-28	Sequence 28, Appl	1642	14.2	0.3	21	1	US-10-012-237A-454	Sequence 454, App
c1570	14.2	0.3	21	1	US-09-382-860-158	Sequence 158, App	1643	14.2	0.3	21	1	US-10-013-906A-454	Sequence 454, App
1571	14.2	0.3	21	1	US-09-382-860-179	Sequence 179, Appl	1644	14.2	0.3	21	1	US-10-013-388A-454	Sequence 454, App
1572	14.2	0.3	21	1	US-10-032-924-41	Sequence 41, Appl	1645	14.2	0.3	21	1	US-10-012-755A-454	Sequence 454, App
c1573	14.2	0.3	21	1	US-10-022-819-18	Sequence 18, Appl	1646	14.2	0.3	21	1	US-10-015-385A-454	Sequence 454, App
1574	14.2	0.3	21	1	US-10-006-856A-454	Sequence 454, App	1647	14.2	0.3	21	1	US-10-007-236A-454	Sequence 454, App
1575	14.2	0.3	21	1	US-10-112-653-122	Sequence 122, App	1648	14.2	0.3	21	1	US-10-015-389A-454	Sequence 454, App
c1576	14.2	0.3	21	1	US-10-112-653-123	Sequence 123, App	1649	14.2	0.3	21	1	US-10-015-518A-454	Sequence 454, App
1577	14.2	0.3	21	1	US-10-006-818A-454	Sequence 454, App	1650	14.2	0.3	21	1	US-10-013-918A-454	Sequence 454, App
1578	14.2	0.3	21	1	US-10-017-995-129	Sequence 129, App	1651	14.2	0.3	21	1	US-10-015-394A-454	Sequence 454, App
c1579	14.2	0.3	21	1	US-10-017-995-130	Sequence 130, App	1652	14.2	0.3	21	1	US-10-014-578-139	Sequence 129, App
c1580	14.2	0.3	21	1	US-10-023-066A-42	Sequence 42, Appl	1653	14.2	0.3	21	1	US-10-314-578-139	Sequence 130, App
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1586	14.2	0.3	21	1	US-10-012-121A-454	Sequence 454, App	1659	14.2	0.3	21	1	US-10-405-877-112	Sequence 112, App
1587	14.2	0.3	21	1	US-10-006-116A-454	Sequence 454, App	1660	14.2	0.3	21	1	US-10-349-143-3398	Sequence 3998, App
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c1592	14.2	0.3	21	1	US-10-014-318-8	Sequence 8, Appl	1665	14.2	0.3	21	1	US-10-420-194-463	Sequence 463, App
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Sequence 4550, Ap
Sequence 36, Appl
Sequence 8508, Ap
Sequence 8, Appl1
Sequence 8, Appl1

ALIGNMENTS

RESULT 1
US-10-131-827-2784
; Sequence 2784, Application US/10131827
; Publication No. US20040009479A1

GENERAL INFORMATION:
APPLICANT: Wohlgemuth, Jay

APPLICANT: Fry, Kirk
APPLICANT: Woodward, Robert

APPLICANT: Lv, Ngoc

TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUN

FILE REFERENCE: 506612000120

CURRENT APPLICATION NUMBER: US/10/131,827

PRIOR FILING DATE: 2002-09-06

PRIOR APPLICATION NUMBER: US 10/006,290

PRIOR FILING DATE: 2001-10-22

PRIOR APPLICATION NUMBER: US 60/296,764

PRIOR FILING DATE: 2001-06-08

NUMBER OF SEQ ID NOS: 9090

SOFTWARE: PatentIn version 3.1

SEQ ID NO 2784

LENGTH: 50

TYPE: DNA

ORGANISM: Homo sapiens

US-10-131-827-2784

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Best Local Similarity 97.8%; Pred. No. 0.019; 1; Indels 0; Gaps 0;
Matches 44; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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DB 1 TCCCATGATGAGAGTCGCTAACCAATAATTGCTTTCTTCA 45

RESULT 2
US-10-003-919-6

; Sequence 6, Application US/10003919
; Publication No. US20030114401A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett

APPLICANT: Susan M. Freiler

TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION

FILE REFERENCE: RTS-0256

CURRENT APPLICATION NUMBER: US/10/003,919

CURRENT FILING DATE: 2001-12-06

NUMBER OF SEQ ID NOS: 87

SEQ ID NO 6

LENGTH: 28

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE: Artificial Sequence

OTHER INFORMATION: PCR Probe

US-10-003-919-6

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Best Local Similarity 100.0%; Pred. No. 5.2;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 AGTTCCTCCGAGCTCAGTTCTTTCTTCC 28

US-10-661-099-26/c

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Best Local Similarity 80.0%; Pred. No. 14;
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[illegible]

US-10-661-088-25

US-10-661-088-25

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[illegible]

US-10-661-097-25

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[illegible]

US-10-661-355-25

US-10-661-355-25

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RESULT 19

US-10-418-182-67/c

Sequence 67, Application US/10418182

Publication No. US2003028302A1

GENERAL INFORMATION:

APPLICANT: Crea, Roberto

TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS

FILE REFERENCE: 1551.2001-001

CURRENT APPLICATION NUMBER: US/10/418,182

PRIOR FILING DATE: 2003-04-16

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR FILING DATE: 2002-04-17

NUMBER OF SEQ ID NOS: 423

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 67

LENGTH: 36

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: oligonucleotide

US-10-418-182-67

Query Match 0.5%; Score 24; DB 1; Length 36;

Best Local Similarity 84.4%; Pred. No. 46;

Matches 27; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

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Db 36 ATATATATATATATATATATATATATATAT 5

RESULT 20

US-10-418-182-146/c

Sequence 146, Application US/10418182

Publication No. US2003028302A1

GENERAL INFORMATION:

APPLICANT: Crea, Roberto

TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS

FILE REFERENCE: 1551.2001-001

CURRENT APPLICATION NUMBER: US/10/418,182

PRIOR FILING DATE: 2003-04-16

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR FILING DATE: 2002-04-17

NUMBER OF SEQ ID NOS: 423

SOFTWARE: FastSeq for Windows Version 4.0

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LENGTH: 27

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: oligonucleotide

US-10-418-182-146

Query Match 0.5%; Score 23.8; DB 1; Length 27;

Best Local Similarity 92.6%; Pred. No. 30;

Matches 25; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4413 GATATATATATATATATATATATATAT 4439

Db 27 GATATATATATATATATATATATATATAT 1

RESULT 21

US-10-240-376A-50

Sequence 50, Application US/10240376A

Publication No. US20040161747A1

GENERAL INFORMATION:

APPLICANT: Morahan, Grant

TITLE OF INVENTION: A METHOD FOR SCREENING FOR AUTOIMMUNE

DISEASE BY IDENTIFYING POLYMORPHISMS IN IL-12 p40

FILE REFERENCE: DAVI186.001APC

CURRENT APPLICATION NUMBER: US/10/240,376A

CURRENT FILING DATE: 2002-09-27

PRIOR APPLICATION NUMBER: PCT/AU01/00340

PRIOR FILING DATE: 2001-03-27

PRIOR APPLICATION NUMBER: PQ 6466

PRIOR FILING DATE: 2000-03-27

PRIOR APPLICATION NUMBER: US 60/204,366

PRIOR FILING DATE: 2000-05-15

NUMBER OF SEQ ID NOS: 140

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 50

LENGTH: 29

TYPE: DNA

ORGANISM: mammalian

US-10-240-376A-50

Query Match 0.5%; Score 23.8; DB 1; Length 29;

Best Local Similarity 92.6%; Pred. No. 34;

Matches 25; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4414 ATATATATATATATATATATATATATG 4440

Db 3 AAAATATATATATATATATATATATATG 29

RESULT 22

US-09-910-469-132

Sequence 132, Application US/09910469

Publication No. US20030175702A1

GENERAL INFORMATION:

APPLICANT: Schweitzer, Markus

APPLICANT: Anderson, Richard R.

APPLICANT: Mueller, Jochem

APPLICANT: Riechener, Michael

APPLICANT: Bruecher, Christoph

APPLICANT: Kienle, Stefan

APPLICANT: Orwick, Jill

APPLICANT: Pignot, Marc

APPLICANT: Raddatz, Stefan

APPLICANT: Schneider, Eberhard

APPLICANT: Windhab, No. US20030175702A1bert

TITLE OF INVENTION: Sorting and Immobilization System for Nucleic Acids Using Synthes

FILE REFERENCE: 264/217 Nanogen Reconomics

CURRENT APPLICATION NUMBER: US/09/910,469

CURRENT FILING DATE: 2001-07-19

NUMBER OF SEQ ID NOS: 184

SOFTWARE: PatentIn version 3.1

SEQ ID NO 132

LENGTH: 32

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: Test nucleic acid sequence

NAME/KEY: modified_base

LOCATION: (1)..(1)

OTHER INFORMATION: Cys dye

US-09-910-469-132

Query Match 0.5%; Score 23.8; DB 1; Length 32;

Best Local Similarity 92.6%; Pred. No. 40;

Matches 25; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4412 AGATATATATATATATATATATATATAT 4438

Db 2 AAATATATATATATATATATATATATAT 28

RESULT 23

US-09-910-469-152

Sequence 152, Application US/09910469

Publication No. US20030175702A1


```
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 622-6031
; INFORMATION FOR SEQ ID NO: 862:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 24 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-263-959-862

Query Match          0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 44;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY
4416 ATATATATATATATATATATATAT 4439
|||||
24 ATATATATATATATATATATATAT 1

RESULT 31
US-09-232-785-357/c
; Sequence 357, Application US/09232785
; Publication No. US20030049612A1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig. S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSAATELITE DNA MARKERS AND USES
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 357
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Pinus taeda L.
;
US-09-232-785-357

Query Match          0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 44;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY
4414 ATATATATATATATATATATATATA 4437
|||||
24 ATATATATATATATATATATATATA 1

RESULT 32
US-10-374-307-8/c
; Sequence 8, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTERHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
```

```
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
;
US-10-374-307-8

Query Match          0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 44;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY
270 CTCTCTCTCTCTCTCTCTCTCTCT 293
|||||
24 CTCTCTCTCTCTCTCTCTCTCTCT 1

RESULT 33
US-10-374-307-11
; Sequence 11, Application US/10374307
; Publication No. US20040170984A1
; GENERAL INFORMATION:
; APPLICANT: Leproust, Eric M.
; APPLICANT: Amorese, Douglas A.
; APPLICANT: Kronick, Mel N.
; TITLE OF INVENTION: METHODS AND DEVICES FOR DETECTING
; TITLE OF INVENTION: PRINTERHEAD MISALIGNMENT OF AN IN SITU POLYMERIC ARRAY
; FILE REFERENCE: AGIL-078
; CURRENT APPLICATION NUMBER: US/10/374,307
; CURRENT FILING DATE: 2003-02-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapien
;
US-10-374-307-11

Query Match          0.4%; Score 22.4; DB 1; Length 24;
Best Local Similarity 95.8%; Pred. No. 44;
Matches 23; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

CY
270 CTCTCTCTCTCTCTCTCTCTCTCT 293
|||||
24 CTCTCTCTCTCTCTCTCTCTCTCT 1

RESULT 34
US-10-338-552-74
; Sequence 74, Application US/10338552
; Publication No. US20040131612A1
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Vassero, Alain P.
; APPLICANT: Marguis, David
; APPLICANT: Huse, William D.
; TITLE OF INVENTION: TNF-alpha Binding Molecules
; FILE REFERENCE: AME-06971
; CURRENT APPLICATION NUMBER: US/10/338,552
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
;
US-10-338-552-74

Query Match          0.4%; Score 22; DB 1; Length 33;
Best Local Similarity 83.3%; Pred. No. 92;
Matches 25; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

QY 3201 AGGGCCCTCCGTCAGTGGCTCCAGCATC 3230
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AGGGCCCTCCAGTTCGTTGGCTCAAGCATC 30

RESULT 35
US-10-338-627-74
; Sequence 74, Application US/10338627
; Publication No. US20040131613A1
; GENERAL INFORMATION:
; APPLICANT: Watkins, Jeffrey D.
; APPLICANT: Vassero, Alain P.
; APPLICANT: Marguis, David
; APPLICANT: Huse, William D.
; TITLE OF INVENTION: TNF-alpha Binding Molecules
; FILE REFERENCE: AME-07497
; CURRENT APPLICATION NUMBER: US/10/338,627
; CURRENT FILING DATE: 2003-01-08
; NUMBER OF SEQ ID NOS: 92
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74
; LENGTH: 33
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-338-627-74

Query Match 0.4%; Score 22; DB 1; Length 33;
Best Local Similarity 83.3%; Pred. No. 92;
Matches 25; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3201 AGGGCCCTCCGTCAGTGGCTCCAGCATC 3230
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
Db 1 AGGGCCCTCCAGTTCGTTGGCTCAAGCATC 30

RESULT 36
US-09-910-183A-36/c
; Sequence 36, Application US/09910183A
; Publication No. US20030175701A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths R. A. L.
; TITLE OF INVENTION: Improvements in and relating to forensic
; identification
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESSES:
; STREET: C/O The Forensic Science Service, Priory
; House, Gooch Str.
; CITY: Birmingham
; STATE: W. Midland
; COUNTRY: United Kingdom
; ZIP: B5 6QQ
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/910,183A
; FILING DATE: 20-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,029
; FILING DATE: <Unknown>
; APPLICATION NUMBER: GB 9733597.4
; FILING DATE: 28-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Gill P.
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 32 base pairs

TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
HYPOTHEICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Homo sapiens
ORGANELLE: Mitochondrion
SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-910-183A-36

Query Match 0.4%; Score 21.4; DB 1; Length 32;
Best Local Similarity 80.6%; Pred. No. 11e+02;
Matches 25; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 277 TCTTCTCTCTCTCTCTCTCTCTCTCTCTCT 307
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
Db 31 TCTTCTCTCTCTCTCTCTCTCTCTCTCTCTCT 1

RESULT 37
US-10-085-906-207
; Sequence 207, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; FILE REFERENCE: GNN-5343CP2
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: PatSeq for Windows Version 4.0
; SEQ ID NO 207
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-207

Query Match 0.4%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 87;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 TCTTCTCTCTCTCTCTCTCTCTCTCTCTCT 294
| | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | |
Db 1 TCTTCTCTCTCTCTCTCTCTCTCTCTCTCT 24

RESULT 38
US-09-776-479-908
; Sequence 908, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; TITLE OF INVENTION: Treatment of Asthma and Allergy
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093

SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 908
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-908

Query Match 0.4%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 89;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCTCTCTCTCTCTCTCTCT 291
Db 1 CTCTCTCTCTCTCTCTCTCT 22

RESULT 39
US-09-776-479-908
Sequence 908, Application US/09776479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
APPLICANT: Fournon, Yves
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
TITLE OF INVENTION: Treatment of Asthma and Allergy
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 908
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-908

Query Match 0.4%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 89;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCTCTCTCTCTCTCTCTCT 291
Db 1 CTCTCTCTCTCTCTCTCTCT 22

RESULT 40
US-10-112-653-877
Sequence 877, Application US/10112653
Publication No. US20030050268A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TITLE OF INVENTION: TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060(AWS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 877
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-877

Query Match 0.4%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 89;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCTCTCTCTCTCTCTCTCT 291
Db 1 CTCTCTCTCTCTCTCTCTCT 22

RESULT 41
US-10-017-995-908
Sequence 908, Application US/10017995
Publication No. US20030055014A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/017,995
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 908
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-017-995-908

Query Match 0.4%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 89;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 270 CTCTCTCTCTCTCTCTCTCT 291
Db 1 CTCTCTCTCTCTCTCTCTCT 22

RESULT 42
US-10-314-578-908
Sequence 908, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Schetter, Christian
APPLICANT: Krieg, Arthur M.
APPLICANT: Volmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 908
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-314-578-908

Query Match 0.4%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 89;

Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 270 CTCCTCTCTCTCTCTCTCTCT 291
DB 1 CTCCTCTCTCTCTCTCTCTCT 22

RESULT 43
US-10-766-590-4/c
; Sequence 4, Application US/10766590
; Publication No. US20040180370A1
; GENERAL INFORMATION:
; APPLICANT: Tabakoff, Boris
; APPLICANT: Martinez, Larry
; APPLICANT: Hoffman, Paula
; TITLE OF INVENTION: Genetic Diagnosis of Alcoholic Subtypes
; FILE REFERENCE: UIC-08617
; CURRENT APPLICATION NUMBER: US/10/766,590
; CURRENT FILING DATE: 2004-01-27
; PRIOR APPLICATION NUMBER: 60/443,072
; PRIOR FILING DATE: 2003-01-27
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-766-590-4

Query Match 0.4%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 89;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCTC 292
DB 22 TCTCTCTCTCTCTCTCTCTCTC 1

RESULT 44
US-10-120-187A-6/c
; Sequence 6, Application US/10120187A
; Publication No. US2003005985A1
; GENERAL INFORMATION:
; APPLICANT: MEANS, ANTHONY R.
; TITLE OF INVENTION: CA2+/CALMODULIN-DEPENDENT PROTEIN KINASE IV
; FILE REFERENCE: 1579-669
; CURRENT APPLICATION NUMBER: US/10/120,187A
; CURRENT FILING DATE: 2002-04-11
; PRIOR APPLICATION NUMBER: 60/322,438
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: 60/282,698
; PRIOR FILING DATE: 2001-04-11
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-120-187A-6

Query Match 0.4%; Score 20.4; DB 1; Length 24;
Best Local Similarity 95.5%; Pred. No. 1e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCCTCTCTCTCTCTCTCTCT 291
DB 23 CTCGCTCTCTCTCTCTCTCTCT 2

RESULT 45
US-10-275-071-19

; Sequence 19, Application US/10275071
; Publication No. US20030186268A1
; GENERAL INFORMATION:
; APPLICANT: Crouzet, Joel
; APPLICANT: Scherman, Daniel
; APPLICANT: Wils, Pierre
; APPLICANT: Cameron, Beatrice
; APPLICANT: Blanche, Francis
; TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
; TITLE OF INVENTION: IMMOBILIZED OLIGONUCLEOTIDE
; FILE REFERENCE: 08888, 0138-02
; CURRENT APPLICATION NUMBER: US/10/275,071
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 09/580,923
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 08/860,038
; PRIOR FILING DATE: 1997-06-09
; PRIOR APPLICATION NUMBER: PCT/FR95/01468
; PRIOR FILING DATE: 1995-11-08
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 19
; LENGTH: 26
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-275-071-19

Query Match 0.4%; Score 20.4; DB 1; Length 26;
Best Local Similarity 95.5%; Pred. No. 1.2e+02;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCCTCTCTCTCTCTCTCTCT 291
DB 5 CTCCTCTCTCTCTCTCTCTCTCT 26

RESULT 46
US-10-003-919-10/c
; Sequence 10, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 10
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-10

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 16 CCACGCGGCGTGCAGCAGG 35
DB 20 CCACGCGGCGTGCAGCAGG 1

RESULT 47
US-10-003-919-11/c
; Sequence 11, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:

```
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 11
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-11
```

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db      63 CCCATGCGCTGCTAGGCCATG 82
      20 CCCATGCGCTGCTAGGCCATG 1
```

```
RESULT 48
US-10-003-919-12/c
Sequence 12, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-12
```

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db      126 GGTCAATTCACCCAGGGGGA 145
      20 GGTCAATTCACCCAGGGGGA 1
```

```
RESULT 49
US-10-003-919-13/c
Sequence 13, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 13
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-13
```

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db      172 TGTAACGCTGCACCAAGTTC 191
      20 TGTAACGCTGCACCAAGTTC 1
```

```
RESULT 50
US-10-003-919-14/c
Sequence 14, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-14
```

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db      180 GCACACGATTGCCAGAGG 199
      20 GCACACGATTGCCAGAGG 1
```

```
RESULT 51
US-10-003-919-15/c
Sequence 15, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-15
```

```
Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Db      223 GCAGCCGTGGCAGGGTGTAT 242
      20 GCAGCCGTGGCAGGGTGTAT 1
```

```
RESULT 52
US-10-003-919-16/c
Sequence 16, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
```

```
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-16

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      427 TTGCAGTGAGGGGCGCTCCG 446
Db      20 TTGCAGTGAGGGGCGCTCCG 1

RESULT 53
US-10-003-919-17/c
; Sequence 17, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-17

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      525 TGGACCATGGCAACATCAC 544
Db      20 TGGACCATGGCAACATCAC 1

RESULT 54
US-10-003-919-18/c
; Sequence 18, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-18

Query Match          0.4%; Score 20; DB 1; Length 20;
```

```
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      530 CCATGGCACATCACCCGCT 549
Db      20 CCATGGCACATCACCCGCT 1

RESULT 55
US-10-003-919-19/c
; Sequence 19, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-19

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      535 GCAACATCACCCGCTCCAG 554
Db      20 GCAACATCACCCGCTCCAG 1

RESULT 56
US-10-003-919-20/c
; Sequence 20, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-20

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      579 GCGAAGACGGAGCTTCTCT 598
Db      20 GCGAAGACGGAGCTTCTCT 1

RESULT 57
US-10-003-919-21/c
; Sequence 21, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
```



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; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-21

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      600 GTGCGTGCAGCAGATCCAT 619
Db      20 GTGCGTGCAGCAGATCCAT 1

RESULT 58
US-10-003-919-22/c
; Sequence 22, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-22

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      693 GATTAATTCAGTGTTCAGGC 712
Db      20 GATTAATTCAGTGTTCAGGC 1

RESULT 59
US-10-003-919-23/c
; Sequence 23, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-23

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      702 ACTGTTCCAGGCATCCGAGG 721
Db      20 ACTGTTCCAGGCATCCGAGG 1

RESULT 60
US-10-003-919-24/c
; Sequence 24, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-24

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      744 AAGCTGACCGAGCTCATCGA 763
Db      20 AAGCTGACCGAGCTCATCGA 1

RESULT 61
US-10-003-919-25/c
; Sequence 25, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-25

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      770 CAAAGAAGAAACATGGGCG 789
Db      20 CAAAGAAGAAACATGGGCG 1

RESULT 62
US-10-003-919-26/c
; Sequence 26, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
```

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; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-26

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      775 AGGAAACATGGGGCTGCTG 794
Db      20 AGGAAACATGGGGCTGCTG 1

RESULT 63
US-10-003-919-27/c
; Sequence 27, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-27

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      780 AACATGGGCTGTGTGACCCA 799
Db      20 AACATGGGCTGTGTGACCCA 1

RESULT 64
US-10-003-919-28/c
; Sequence 28, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-28

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```

QY      848 TGAGAGACACAGAAAGTG 867
Db      20 TGAGAGACACAGAAAGTG 1

RESULT 65
US-10-003-919-29/c
; Sequence 29, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-29

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1150 CACTGCTCTGCAAGAGCTC 1169
Db      20 CACTGCTCTGCAAGAGCTC 1

RESULT 66
US-10-003-919-30/c
; Sequence 30, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-30

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1194 CCATCCCTGAGAGTCTCTGCA 1213
Db      20 CCATCCCTGAGAGTCTCTGCA 1

RESULT 67
US-10-003-919-31/c
; Sequence 31, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
```

```
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-31

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1200 CTGAGTCTCTGCAGAGTT 1219
Db      20 CTGAGTCTCTGCAGAGTT 1

RESULT 68
US-10-003-919-32/c
; Sequence 32, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-32

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1465 ACCTTGAGTCTGGGAACTG 1484
Db      20 ACCTTGAGTCTGGGAACTG 1

RESULT 69
US-10-003-919-33/c
; Sequence 33, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-33

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Cy      1489 TTAAGAAGTCCAGATGTT 1508
Db      20 TTAAGAAGTCCAGATGTT 1

RESULT 70
US-10-003-919-34/c
; Sequence 34, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-34

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1495 AGTCCAAGATGGTTCTGAG 1514
Db      20 AGTCCAAGATGGTTCTGAG 1

RESULT 71
US-10-003-919-35/c
; Sequence 35, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-35

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Cy      1500 AAGATGCTTCTGAGGACAA 1519
Db      20 AAGATGCTTCTGAGGACAA 1

RESULT 72
US-10-003-919-36/c
; Sequence 36, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
```

```
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 36
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-36

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1505 TGGTCTGAGGACAGTCT 1524
DB      20 TGGTCTGAGGACAGTCT 1

RESULT 73
US-10-003-919-37/c
/ Sequence 37, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 37
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-37

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1510 CTGAGGACAGTCTCTACAGC 1529
DB      20 CTGAGGACAGTCTCTACAGC 1

RESULT 74
US-10-003-919-38/c
/ Sequence 38, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 38
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-38

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1515 GACAGTCTTACAGCCACAA 1534
```

```
DB      20 GACAGTCTTACAGCCACAA 1

RESULT 75
US-10-003-919-39/c
/ Sequence 39, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 39
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-39

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1536 AAAATCTGCAGCTCATTTAA 1555
DB      20 AAAATCTGCAGCTCATTTAA 1

RESULT 76
US-10-003-919-40/c
/ Sequence 40, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 40
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-40

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1618 GGAAGAAATATGTTTGTCT 1637
DB      20 GGAAGAAATATGTTTGTCT 1

RESULT 77
US-10-003-919-41/c
/ Sequence 41, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
```

```
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 41
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-41

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1623 GAATATGTTTTTGCTGACTC 1642
Db      20 GAATATGTTTTTGCTGACTC 1

RESULT 78
US-10-003-919-42/c
/ Sequence 42, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 42
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-42

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1668 CTCCTGCAGCAGTGAAGAA 1687
Db      20 CTCCTGCAGCAGTGAAGAA 1

RESULT 79
US-10-003-919-43/c
/ Sequence 43, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 43
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-43

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1761 CCTCCCAAGATCAGTC 1780
Db      20 CCTCCCAAGATCAGTC 1780
```

```
Db      20 CCTCCCAAGATCAGTC 1

RESULT 80
US-10-003-919-44/c
/ Sequence 44, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 44
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-44

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1766 CAAAGATCAGTCCTCTGCT 1785
Db      20 CAAAGATCAGTCCTCTGCT 1

RESULT 81
US-10-003-919-45/c
/ Sequence 45, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
/ SEQ ID NO 45
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-45

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1771 AGATCAGTCCTCTGTTCTC 1790
Db      20 AGATCAGTCCTCTGTTCTC 1

RESULT 82
US-10-003-919-46/c
/ Sequence 46, Application US/10003919
/ Publication No. US20030114401A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
/ FILE REFERENCE: RTS-0256
/ CURRENT APPLICATION NUMBER: US/10/003,919
/ CURRENT FILING DATE: 2001-12-06
/ NUMBER OF SEQ ID NOS: 87
```

```
; SEQ ID NO 46
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-46
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1776 ACGTCTGGTTCTCTCCAA 1795
Db      20 ACGTCTGGTTCTCTCCAA 1
```

```
RESULT 83
US-10-003-919-47/c
; Sequence 47, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-47
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1781 CTGGTTCTCTCCAGGGGC 1800
Db      20 CTGGTTCTCTCCAGGGGC 1
```

```
RESULT 84
US-10-003-919-48/c
; Sequence 48, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-48
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1786 TTCTTCCAGGGGCGAGGA 1805
Db      20 TTCTTCCAGGGGCGAGGA 1
```

```
RESULT 85
US-10-003-919-49/c
; Sequence 49, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 49
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-49
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1791 TCCAGGGGCGAGGAAGAC 1810
Db      20 TCCAGGGGCGAGGAAGAC 1
```

```
RESULT 86
US-10-003-919-50/c
; Sequence 50, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-50
```

```
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2031 GACAAGTGAAGACAGCAT 2050
Db      20 GACAAGTGAAGACAGCAT 1
```

```
RESULT 87
US-10-003-919-51/c
; Sequence 51, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 51
```

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-51

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2115 GGGTTCGTCAACAGCCACTT 2114
DB      20 GGGTTCGTCAACAGCCACTT 1

RESULT 88
US-10-003-919-52/c
; Sequence 52, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-52

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2120 CGTCACAGCCACTTGACTT 2119
DB      20 CGTCACAGCCACTTGACTT 1

RESULT 89
US-10-003-919-53/c
; Sequence 53, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-53

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2493 ACAGGATGAAGTACAACTT 2512
DB      20 ACAGGATGAAGTACAACTT 1
```

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-54

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2526 GACCGAGTCTCTGGAAGTC 2545
DB      20 GACCGAGTCTCTGGAAGTC 1

RESULT 91
US-10-003-919-55/c
; Sequence 55, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-55

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2592 GACATCATGACGAGTACCA 2611
DB      20 GACATCATGACGAGTACCA 1

RESULT 92
US-10-003-919-56/c
; Sequence 56, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 56
; LENGTH: 20
```


TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-56

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2598 ATGACGAGTGACCAAGCCCC 2617
DB 20 ATGACGAGTGACCAAGCCCC 1

RESULT 93
US-10-003-919-57/c

Sequence 57, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:

APPLICANT: Susan M. Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 57
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-57

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2604 AGTGACCAAGCCCTGCTT 2623
DB 20 AGTGACCAAGCCCTGCTT 1

RESULT 94
US-10-003-919-58/c

Sequence 58, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:

APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 58
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-58

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2610 CACAGCCCTGCTTTGCCAC 2629
DB 20 CACAGCCCTGCTTTGCCAC 1

RESULT 95
US-10-003-919-59/c

Sequence 59, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 59
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-59

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2781 GAGAGTTTGTCAAGAGTCA 2800
DB 20 GAGAGTTTGTCAAGAGTCA 1

RESULT 96
US-10-003-919-60/c

Sequence 60, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-60

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2790 GTCAAGAGTCAGGAAGAGA 2809
DB 20 GTCAAGAGTCAGGAAGAGA 1

RESULT 97
US-10-003-919-61/c

Sequence 61, Application US/10003919
Publication No. US20030114401A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
FILE REFERENCE: RTS-0256
CURRENT APPLICATION NUMBER: US/10/003,919
CURRENT FILING DATE: 2001-12-06
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 61
LENGTH: 20
TYPE: DNA

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-61

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3014 GCCTCTACCCACCATGGCG 3033
DB 20 GCCTCTACCCACCATGGCG 1

RESULT 98
US-10-003-919-62/c
; Sequence 62, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-62

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3089 GAGGAGAGAGCTCTATGACT 3108
DB 20 GAGGAGAGAGCTCTATGACT 1

RESULT 99
US-10-003-919-63/c
; Sequence 63, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 63
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-63

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3094 AGAGCTATGACTTGTG 3113
DB 20 AGAGCTATGACTTGTG 1

RESULT 100
```

```
US-10-003-919-64/c
; Sequence 64, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-64

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3099 CTCTATGACTTGTGAAGAC 3118
DB 20 CTCTATGACTTGTGAAGAC 1

RESULT 101
US-10-003-919-65/c
; Sequence 65, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-65

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3539 GCTGACGAGCCGAGATGT 3558
DB 20 GCTGACGAGCCGAGATGT 1

RESULT 102
US-10-003-919-66/c
; Sequence 66, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-66

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3548 GCGGAGATGTTTGAGAAC 3567
DB      20 GCGGAGATGTTTGAGAAC 1

RESULT 103
US-10-003-919-67/c
; Sequence 67, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-67

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4059 GGCAGAGCTGCCATGCAGTG 4078
DB      20 GGCAGAGCTGCCATGCAGTG 1

RESULT 104
US-10-003-919-68/c
; Sequence 68, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-68

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4069 CCATGAGTGAGCCCTCAG 4088
DB      20 CCATGAGTGAGCCCTCAG 1

RESULT 105
US-10-003-919-69/c

; Sequence 69, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-69

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4084 CTCAGTGAGCTGCCACTGAG 4103
DB      20 CTCAGTGAGCTGCCACTGAG 1

RESULT 106
US-10-003-919-70/c
; Sequence 70, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 70
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-70

Query Match      0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4090 GAGCTGCCACTGAGTCGGGA 4109
DB      20 GAGCTGCCACTGAGTCGGGA 1

RESULT 107
US-10-003-919-71/c
; Sequence 71, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-71

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4196 TGTTCAGGAAGGCGCTA 4215
DB      20 TGTTCAGGAAGGCGCTA 1

RESULT 108
US-10-003-919-72/c
; Sequence 72, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-72

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4456 CACTCATGATGTGCCAAGTG 4475
DB      20 CACTCATGATGTGCCAAGTG 1

RESULT 109
US-10-003-919-73/c
; Sequence 73, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-73

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4489 TTACGAACATTCCTCATAT 4508
DB      20 TTACGAACATTCCTCATAT 1

RESULT 110
US-10-003-919-74/c
; Sequence 74, Application US/10003919

; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-74

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4623 TGGAGTGAGACAGGCGCTCG 4642
DB      20 TGGAGTGAGACAGGCGCTCG 1

RESULT 111
US-10-003-919-75/c
; Sequence 75, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-75

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4666 GGTAGCTTGTTCAGGCTACA 4685
DB      20 GGTAGCTTGTTCAGGCTACA 1

RESULT 112
US-10-003-919-76/c
; Sequence 76, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 76
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-76
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US-10-003-919-76
Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4709 AGTGACACAGCTGCTTTAG 4728
    |||||
    20 AGTGACACAGCTGCTTTAG 1

Db
RESULT 113
US-10-003-919-77/c
; Sequence 77, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 77
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-77

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4771 GATCTACCTGCTTCTCAGT 4790
    |||||
    20 GATCTACCTGCTTCTCAGT 1

Db
RESULT 114
US-10-003-919-78/c
; Sequence 78, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 78
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-78

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4852 CTTGGGCTAGAGTCCCAAG 4871
    |||||
    20 CTTGGGCTAGAGTCCCAAG 1

Db
RESULT 115
US-10-003-919-79/c
; Sequence 79, Application US/10003919
; Publication No. US20030114401A1
```

```
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-79

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4903 GGTGGGACCATCACCAGC 4922
    |||||
    20 GGTGGGACCATCACCAGC 1

Db
RESULT 116
US-10-003-919-80/c
; Sequence 80, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-80

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4914 ATCACCAGCCACGTTAAGC 4933
    |||||
    20 ATCACCAGCCACGTTAAGC 1

Db
RESULT 117
US-10-003-919-81/c
; Sequence 81, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-81
```

```

      APPLICANT: C. Frank Bennett
      APPLICANT: Susan M. Freier
      TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
      FILE REFERENCE: RTS-0256
      CURRENT APPLICATION NUMBER: US/10/003,919
      CURRENT FILING DATE: 2001-12-06
      NUMBER OF SEQ ID NOS: 87
      SEQ ID NO 84
      LENGTH: 20
      TYPE: DNA
      FEATURE:
      OTHER INFORMATION: Antisense Oligonucleotide
      US-10-003-919-84

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 89;
Matches    20; Conservative   0; Mismatches     0; Indels    0; Gaps    0;

OY       5114 AGAATAGATGGTGATGTCT 5133
|||||
Db        20  AGAATAGATGGTGATGTCT 1

RESULT 121
US-10-003-919-85/c
; Sequence 85, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-003-919-85

Query Match          0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred.No. 89;
Matches    20; Conservative   0; Mismatches     0; Indels    0; Gaps    0;

OY       5180 AAATCAGTGGTGTGTGTA 5199
|||||
Db        20  AAATCCAGTGGTGTGTGA 1

RESULT 122
US-10-003-919-86/c
; Sequence 86, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RTS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; US-10-003-919-86
```

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5231 GATGAAGTCTGCTAACCA 5250
DB 20 GATGAAGTCTGCTAACCA 1

RESULT 123

US-10-003-919-87/C
; Sequence 87, Application US/10003919
; Publication No. US20030114401A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SHIP-1 EXPRESSION
; FILE REFERENCE: RFS-0256
; CURRENT APPLICATION NUMBER: US/10/003,919
; CURRENT FILING DATE: 2001-12-06
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 87
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-003-919-87

Query Match 0.4%; Score 20; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 89;
Matches 20; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5243 CGTACCAATATATGTGCC 5262
DB 20 CGTACCAATATATGTGCC 1

RESULT 124

US-09-863-806-120/C
; Sequence 120, Application US/09863806
; Publication No. US20020197608A1
; GENERAL INFORMATION:
; APPLICANT: Sidransky, David
; TITLE OF INVENTION: DETECTION OF NEOPLASIA BY ANALYSIS OF SALIVA
; NUMBER OF SEQUENCES: 195
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Fish & Richardson P.C.
; STREET: 4225 Executive Square, Suite 1400
; CITY: La Jolla
; STATE: CA
; COUNTRY: USA
; ZIP: 92037
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows 95
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/863,806
; FILING DATE: 22-May-2001
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: 09/038,637
; FILING DATE: <Unknown>
; FILING DATE: 12-NOV-1993
; APPLICATION NUMBER: 08/152,313
; FILING DATE: 12-NOV-1993
; ATTORNEY/AGENT INFORMATION:
; NAME: Hallie, Lisa A.
; REGISTRATION NUMBER: 38,347
; REFERENCE/DOCKET NUMBER: 07265/146001
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 619/678-5070
; TELEFAX: 619/678-5099

; INFORMATION FOR SEQ ID NO: 120:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 25 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: Genomic DNA

; SEQUENCE DESCRIPTION: SEQ ID NO: 120:

US-09-863-806-120

Query Match 0.4%; Score 19.8; DB 1; Length 25;
Best Local Similarity 91.3%; Pred. No. 1,4e+02;
Matches 21; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 273 TCTCTCTCTCTCTCTCTCT 295
DB 25 TCTCTCTCTCTCTCTCTCT 3

RESULT 125

US-10-270-839-75/C
; Sequence 75, Application US/10270839
; Publication No. US20030143586A1
; GENERAL INFORMATION:
; APPLICANT: Chao, Qimin
; APPLICANT: Grassie, Luigi
; APPLICANT: Sasse, Philip M.
; APPLICANT: Nicolaides, Nicholas C.
; TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnosis
; FILE REFERENCE: AG000205 (MOR-0133)
; CURRENT APPLICATION NUMBER: US/10/270,839
; CURRENT FILING DATE: 2002-10-11
; PRIOR APPLICATION NUMBER: 60/328,750
; PRIOR FILING DATE: 2001-10-12
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 75
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
; NAME/KEY: misc_feature
; LOCATION: (22)..(22)
; OTHER INFORMATION: B is C or G or T/U, not A
US-10-270-839-75

Query Match 0.4%; Score 19.6; DB 1; Length 22;
Best Local Similarity 90.9%; Pred. No. 1.2e+02;
Matches 20; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 269 CCTCTCTCTCTCTCTCTCTC 290
DB 22 CCTCTCTCTCTCTCTCTCTC 1

RESULT 126

US-10-085-906-237/C
; Sequence 237, Application US/10085906
; Publication No. US20030054371A1
; GENERAL INFORMATION:
; APPLICANT: Ying, Vincent
; APPLICANT: Wu, Paul
; APPLICANT: Gray, Gary S.
; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
; FILE REFERENCE: GNN-5343CP2
; TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
; CURRENT APPLICATION NUMBER: US/10/085,906
; CURRENT FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: US 60/126,215
; PRIOR FILING DATE: 1999-03-25
; PRIOR APPLICATION NUMBER: US 09/534,061

; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 237
; LENGTH: 28
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-237

Query Match 0.4%; Score 19.4; DB 1; Length 28;
Best Local Similarity 84.6%; Pred. No. 1.9e+02;
Matches 22; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4414 ATATATATATATATATATATATAT 4439
Db 27 ATATATATATATATATATATATAT 2

RESULT 127
US-09-263-959-807
; Sequence 807, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 807:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-807

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 271 TCTCTCTCTCTCTCTCTCTCTCT 291
Db 1 TCTCTCTCTCTCTCTCTCTCT 21

RESULT 128
US-09-232-785-394/c
; Sequence 394, Application US/09232785

; Publication No. US20030049612A1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Ech, Craig S.
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USBS
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 394
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-394

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4414 ATATATATATATATATATATAT 4434
Db 21 ATATATATATATATATATATAT 1

RESULT 129
US-09-232-785-395/c
; Sequence 395, Application US/09232785
; Publication No. US20030049612A1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Ech, Craig S.
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USBS
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; PRIOR FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 395
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-395

Query Match 0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 4416 ATATATATATATATATATATAT 4436
Db 21 ATATATATATATATATATATAT 1

RESULT 130
US-10-418-182-108/c
; Sequence 108, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; PRIOR FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17

```
/ NUMBER OF SEQ ID NOS: 423
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 108
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: oligonucleotide
US-10-418-182-108
```

```
Query Match          0.4%; Score 19.4; DB 1; Length 21;
Best Local Similarity 95.2%; Pred. No. 1.3e+02;
Matches 20; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4417 ATATAATATTATTAATAATA 4437
Db      21 AATAATAGTAAATAATAA 1
```

```
RESULT 131
US-09-465-589-10
/ Sequence 10: Application US/09465589
/ Patent No. US20020031764A1
/ GENERAL INFORMATION:
/ APPLICANT: KOCH, Jörn Erland
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMPLIFYING MULTIPLE TANDEM REPETITIVE
/ FILE REFERENCE: 4305/1E293-US2
/ CURRENT APPLICATION NUMBER: US/09/465,589
/ CURRENT FILING DATE: 1999-12-17
/ PRIOR APPLICATION NUMBER: US 09/091,146
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: PCT/DK96/00513
/ PRIOR FILING DATE: 1996-12-05
/ PRIOR APPLICATION NUMBER: DK 1379/95
/ PRIOR FILING DATE: 1995-12-05
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 10
/ LENGTH: 28
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Amplified oligonucleotide
US-09-465-589-10
```

```
Query Match          0.4%; Score 19; DB 1; Length 28;
Best Local Similarity 81.5%; Pred. No. 2.4e+02;
Matches 22; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      270 CTCTCTCTCTCTCTCTCTCTCTCT 296
Db      1 CTTCTTCTTCTTCTTCTTCTTCTT 27
```

```
RESULT 132
US-10-085-906-45/c
/ Sequence 45: Application US/10085906
/ Publication No. US20030054371A1
/ GENERAL INFORMATION:
/ APPLICANT: Ying, Vincent
/ APPLICANT: Wu, Paul
/ APPLICANT: Gray, Gary S.
/ TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
/ TITLE OF INVENTION: COSTIMULATORY RECEPTOR LOCUS AND USES THEREOF
/ FILE REFERENCE: GNN-5343CP2
/ CURRENT APPLICATION NUMBER: US/10/085,906
/ CURRENT FILING DATE: 2002-02-27
/ PRIOR APPLICATION NUMBER: US 60/126,215
/ PRIOR FILING DATE: 1999-03-25
/ PRIOR APPLICATION NUMBER: US 09/534,061
/ PRIOR FILING DATE: 2000-03-24
/ PRIOR APPLICATION NUMBER: PCT/US00/07938
```

```
/ PRIOR FILING DATE: 2000-03-24
/ NUMBER OF SEQ ID NOS: 545
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 45
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-085-906-45
```

```
Query Match          0.4%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4414 ATATAATATTATTAATAATA 4435
Db      24 AATAATATTATTAATAATAA 3
```

```
RESULT 133
US-10-061-201-3146/c
/ Sequence 3146: Application US/10061201
/ Publication No. US20030166229A1
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/10/061,201
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR FILING DATE: 2001-10-10
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 3146
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-061-201-3146
```

```
Query Match          0.4%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      814 TGCCGCTGGAGAGAGACAC 835
Db      25 TGCTCTGGAGAGAGACAC 4
```

```
RESULT 134
US-10-061-201-3147/c
/ Sequence 3147: Application US/10061201
/ Publication No. US20030166229A1
/ GENERAL INFORMATION:
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
```

```
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3147
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3147
```

```
Query Match          0.4%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      814 TGCCGCTGGAGAGAGACAC 835
      |||||
Db      24 TGCCCTGGAGAGAGACAC 3
```

```
RESULT 135
US-10-061-201-3148/c
; Sequence 3148, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3148
; LENGTH: 25
```

```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3148
```

```
Query Match          0.4%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      814 TGCCGCTGGAGAGAGACAC 835
      |||||
Db      23 TGCCCTGGAGAGAGACAC 2
```

```
RESULT 136
US-10-061-201-3149/c
; Sequence 3149, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 3149
; TYPE: DNA
; LENGTH: 25
; ORGANISM: Homo sapiens
US-10-061-201-3149
```

```
Query Match          0.4%; Score 18.8; DB 1; Length 25;
Best Local Similarity 90.9%; Pred. No. 2.2e+02;
Matches 20; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      814 TGCCGCTGGAGAGAGACAC 835
      |||||
Db      22 TGCCCTGGAGAGAGACAC 1
```

```
RESULT 137
US-09-866-108-12694
; Sequence 12694, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Shannon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
```

```
FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 12694
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-12694

Query Match      0.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1663 GCCAGCTCTGCAGCAGATGAAGA 1687
DB      1 GCCAGCTTCAGCAGCAGCTGAAGCA 25

RESULT 138
US-10-723-361-12694
; Sequence 12694, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
```

```
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 12694
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12694

Query Match      0.4%; Score 18.6; DB 1; Length 25;
Best Local Similarity 84.0%; Pred. No. 2.4e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1663 GCCAGCTCTGCAGCAGATGAAGA 1687
DB      1 GCCAGCTTCAGCAGCAGCTGAAGCA 25

RESULT 139
US-10-418-182-150/c
; Sequence 150, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FaestSeq for Windows Version 4.0
; SEQ ID NO 150
; LENGTH: 27
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-150

Query Match      0.4%; Score 18.6; DB 1; Length 27;
Best Local Similarity 84.0%; Pred. No. 2.7e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4415 TAATAATAATAATAATAATAATAT 4439
DB      26 TAGTAATAATAATAATAAGTAATAGT 2

RESULT 140
US-10-418-182-176
; Sequence 176, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
```

PRIOR FILING DATE: 2002-04-17
NUMBER OF SEQ ID NOS: 423
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 176
LENGTH: 27
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide
US-10-418-182-176

Query Match 0.4%; Score 18.6; DB 1; Length 27;
Best Local Similarity 84.0%; Pred. No. 2.7e+02;
Matches 21; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4414 ATATATATATATATATATATATA 4438
DB 2 ACAATACAAATATATATATACAA 26

RESULT 141
US-09-752-639-40
Sequence 40, Application US/09752639
Patent No. US20020091243A1
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/752.639
FILING DATE:
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-752-639-40
Query Match 0.3%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 269 CCTCTCTCTCTCTCTCTC 288
DB 1 CCTCTCTCTCTCTCTCTC 20

RESULT 142
US-09-984-198-40
Sequence 40, Application US/09984198
Patent No. US20020106679A1
GENERAL INFORMATION:
APPLICANT: Gatanaga, T.
TITLE OF INVENTION: Factors Altering Tumor Necrosis
TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
NUMBER OF SEQUENCES: 154
CORRESPONDENCE ADDRESS:
ADDRESSEE: MORRISON & FOERSTER
STREET: 755 PAGE MILL ROAD
CITY: Palo Alto
STATE: CA
COUNTRY: USA
ZIP: 94304-1018
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: Windows
SOFTWARE: FastSeq for Windows Version 2.0b
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/984.198
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: PCT/US99/10793
FILING DATE:
APPLICATION NUMBER: 09/081,385
FILING DATE:
APPLICATION NUMBER: 08/964,747
FILING DATE: 05-NOV-1997
APPLICATION NUMBER: 60/030,761
FILING DATE: 06-NOV-1996
ATTORNEY/AGENT INFORMATION:
NAME: Wu, Frank
REGISTRATION NUMBER: 41,386
REFERENCE/DOCKET NUMBER: 22000-20577.21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 650-813-5600
TELEFAX: 650-494-0792
TELEX: 706141
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-984-198-40
Query Match 0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 269 CCTCTCTCTCTCTCTCTC 288
DB 1 CCTCTCTCTCTCTCTCTC 20
RESULT 143
US-10-077-383-29/c
Sequence 29, Application US/10077383
Publication No. US2003005044A1

```

; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Saignes Corporation
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: (XY)-n spacer
; NAME/KEY: modified base
; LOCATION: (13)..(20)
; OTHER INFORMATION: a or g at positions 13-20 may be present or absent
US-10-077-383-29
```

```

Query Match          0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      270 CTCTCTCTCTCTCTCTCTCT 289
DB      20 CTCTCTCTCTCTCTCTCTCT 1
```

```

RESULT 144
US-10-661-088-17/c
; Sequence 17, Application US/10661088
; Publication No. US20040162253A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0206
; CURRENT APPLICATION NUMBER: US/10/661,088
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-088-17
```

```

Query Match          0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      270 CTCTCTCTCTCTCTCTCTCT 289
DB      20 CTCTCTCTCTCTCTCTCTCT 1
```

RESULT 145

```

US-10-661-088-18
; Sequence 18, Application US/10661088
; Publication No. US20040162253A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0206
; CURRENT APPLICATION NUMBER: US/10/661,088
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-088-18
```

```

Query Match          0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      271 TCTCTCTCTCTCTCTCTCTCTC 290
DB      1 TCTCTCTCTCTCTCTCTCTCTC 20
```

```

RESULT 146
US-10-661-097-17/c
; Sequence 17, Application US/10661097
; Publication No. US20040162254A1
; GENERAL INFORMATION:
; APPLICANT: VAILLANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0204
; CURRENT APPLICATION NUMBER: US/10/661,097
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide
US-10-661-097-17
```

```

Query Match          0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      270 CTCTCTCTCTCTCTCTCTCT 289
DB      20 CTCTCTCTCTCTCTCTCTCT 1
```

RESULT 147

US-10-661-097-18
; Sequence 18, Application US/10661097
; Publication No. US20040162254A1
; GENERAL INFORMATION:
; APPLICANT: VAILANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HSV
; FILE REFERENCE: 029849/0204
; CURRENT APPLICATION NUMBER: US/10/661,097
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-097-18

Query Match 0.3%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTC 290

Db 1 TCTCTCTCTCTCTCTCTCTC 20

RESULT 148

US-10-661-355-17/c
; Sequence 17, Application US/10661355
; Publication No. US20040170959A1
; GENERAL INFORMATION:
; APPLICANT: VAILANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0208
; CURRENT APPLICATION NUMBER: US/10/661,355
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-355-17

Query Match 0.3%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTCTCT 289

Db 20 CTCTCTCTCTCTCTCTCTCT 1

RESULT 149

US-10-661-355-18
; Sequence 18, Application US/10661355
; Publication No. US20040170959A1
; GENERAL INFORMATION:
; APPLICANT: VAILANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES
; FILE REFERENCE: 029849/0208
; CURRENT APPLICATION NUMBER: US/10/661,355
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-355-18

Query Match 0.3%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTC 290

Db 1 TCTCTCTCTCTCTCTCTCTC 20

RESULT 150

US-10-661-099-17/c
; Sequence 17, Application US/10661099
; Publication No. US20040171568A1
; GENERAL INFORMATION:
; APPLICANT: VAILANT, ANDREW
; APPLICANT: JUTEAU, JEAN-MARC
; TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
; FILE REFERENCE: 029849/0203
; CURRENT APPLICATION NUMBER: US/10/661,099
; CURRENT FILING DATE: 2003-09-12
; PRIOR APPLICATION NUMBER: PCT/IB03/04573
; PRIOR FILING DATE: 2003-09-11
; PRIOR APPLICATION NUMBER: 60/430,934
; PRIOR FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: 60/410,264
; PRIOR FILING DATE: 2002-09-13
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-099-17

Query Match 0.3%; Score 18.4; DB 1; Length 20;

Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTCTCT 289

Db 20 CTCTCTCTCTCTCTCTCTCT 1

RESULT 151
US-10-661-099-18

/ Sequence 18, Application US/10661099
/ Publication No. US20040171568A1
/ GENERAL INFORMATION:
/ APPLICANT: VAILANT, ANDREW
/ APPLICANT: JUTEAU, JEAN-MARC
/ TITLE OF INVENTION: ANTIVIRAL OLIGONUCLEOTIDES TARGETING HIV
/ FILE REFERENCE: 029849/0203
/ CURRENT APPLICATION NUMBER: US/10/661,099
/ CURRENT FILING DATE: 2003-09-12
/ PRIOR APPLICATION NUMBER: PCT/IB03/04573
/ PRIOR FILING DATE: 2003-09-11
/ PRIOR APPLICATION NUMBER: 60/430,934
/ PRIOR FILING DATE: 2002-12-05
/ PRIOR APPLICATION NUMBER: 60/410,264
/ PRIOR FILING DATE: 2002-09-13
/ NUMBER OF SEQ ID NOS: 36
/ SOFTWARE: PatentIn Ver. 3.2
/ SEQ ID NO 18
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-661-099-18

Query Match 0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 1.8e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTTCTCTCTCTC 290
DB 1 TCTCTCTCTCTCTCTCTC 20

RESULT 152
US-10-270-839-76/c

/ Sequence 76, Application US/10270839
/ Publication No. US20030143586A1
/ GENERAL INFORMATION:
/ APPLICANT: Chao, Qimin
/ APPLICANT: Grasso, Luigi
/ APPLICANT: Sasse, Philip M.
/ APPLICANT: Nicolaidis, Nicholas C.
/ TITLE OF INVENTION: Genetic Hypermutability of Plants for Gene Discovery and Diagnosis
/ FILE REFERENCE: AG000205 (MOR-0133)
/ CURRENT APPLICATION NUMBER: US/10/270,839
/ CURRENT FILING DATE: 2002-10-11
/ PRIOR APPLICATION NUMBER: 60/328,750
/ PRIOR FILING DATE: 2001-10-12
/ NUMBER OF SEQ ID NOS: 129
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 76
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Oligonucleotide primer
/ NAME/KEY: misc feature
/ LOCATION: (21)..(21)
/ OTHER INFORMATION: H is A or C or T/U, not G
US-10-270-839-76

Query Match 0.3%; Score 18.4; DB 1; Length 21;
Best Local Similarity 95.0%; Pred. No. 1.9e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTTCTCTCTCTC 290

DB 20 TCTCTCTCTCTCTCTCTC 1

RESULT 153
US-10-717-597-4612

/ Sequence 4612, Application US/10717597
/ Publication No. US20040110221A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael E.
/ APPLICANT: Twine, Natalie C.
/ APPLICANT: Dornier, Andrew J.
/ APPLICANT: Trepicchio, William L.
/ APPLICANT: Slonim, Donna K.
/ APPLICANT: Stover, Jennifer A.
/ TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
/ FILE REFERENCE: AM101080L
/ CURRENT APPLICATION NUMBER: US/10/717,597
/ CURRENT FILING DATE: 2003-11-21
/ PRIOR APPLICATION NUMBER: US 60/459,782
/ PRIOR FILING DATE: 2003-04-03
/ PRIOR APPLICATION NUMBER: US 60/427,982
/ PRIOR FILING DATE: 2002-11-21
/ NUMBER OF SEQ ID NOS: 4904
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 4612
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-717-597-4612

Query Match 0.3%; Score 18.4; DB 1; Length 25;
Best Local Similarity 95.0%; Pred. No. 2.6e+02;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2782 AGAGTTTGTCAAGAGTCAG 2801
DB 5 AGAGTTTGTCAAGAGCCAG 24

RESULT 154
US-09-465-589-9/c

/ Sequence 9, Application US/09465589
/ Patent No. US20020031764A1
/ GENERAL INFORMATION:
/ APPLICANT: KOCH, John Erland
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMPLIFYING MULTIPLE TANDEM REPETITIVE
/ FILE REFERENCE: 4305/18293-US2
/ CURRENT APPLICATION NUMBER: US/09/465,589
/ CURRENT FILING DATE: 1999-12-17
/ PRIOR APPLICATION NUMBER: US 09/091,146
/ PRIOR FILING DATE: 1998-06-04
/ PRIOR APPLICATION NUMBER: PCT/DK96/00513
/ PRIOR FILING DATE: 1996-12-05
/ PRIOR APPLICATION NUMBER: DK 1379/95
/ PRIOR FILING DATE: 1995-12-05
/ NUMBER OF SEQ ID NOS: 19
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 9
/ LENGTH: 28
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Amplified oligonucleotide
US-09-465-589-9

Query Match 0.3%; Score 18.4; DB 1; Length 28;
Best Local Similarity 78.6%; Pred. No. 3.1e+02;
Matches 22; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 271 TCTCTCTCTTCTCTCTCTCTG 298


```

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-098-2638-68987

Query Match
Best Local Similarity 0.3%; Score 18.2; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3189 GAAGTCACTAGAGGCGCCCTCC 3211
DB 1 GAAGTCACTAGAGGCGCCCTCC 23

RESULT 158
US-10-723-361-12692
; Sequence 12692, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 12692
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12692

Query Match
Best Local Similarity 0.3%; Score 18.2; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1663 GCCAGCTCTGACGAGATGAG 1685
DB 3 GCCAGCTCTGACGAGATGAG 25

RESULT 159
US-10-723-361-12693
; Sequence 12693, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeonica Sequence Listing Engine
; SEQ ID NO 12693
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12693

Query Match
Best Local Similarity 0.3%; Score 18.2; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1663 GCCAGCTCTGACGAGATGAG 1685
DB 2 GCCAGCTCTGACGAGATGAG 24

RESULT 160
US-10-775-169-2638
; Sequence 2638, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dornier, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities in Vivo
; FILE REFERENCE: AML01080 (031896-013000)
; CURRENT APPLICATION NUMBER: US/10/775,169
; PRIOR FILING DATE: 2004-02-11
; NUMBER OF SEQ ID NOS: 5278
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2638
; LENGTH: 25
; TYPE: DNA
; ORGANISM: probe
US-10-775-169-2638

Query Match
Best Local Similarity 0.3%; Score 18.2; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

QY 293 TCTTCTGTTTCTGTATGAG 315
 Db 1 TCTTCTGTTTCTGTATGAG 23

RESULT 161

US-10-286-993-13
 ; Sequence 13, Application US/10286993
 ; Publication No. US20030148453A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Mantyla, Arja
 ; APPLICANT: Paloheimo, Marja
 ; APPLICANT: Lantto, Rajja
 ; APPLICANT: Fagerstrom, Richard
 ; APPLICANT: Lahtinen, Tarja
 ; APPLICANT: Suominen, Pirkko
 ; APPLICANT: Vehmaampere, Jari
 ; TITLE OF INVENTION: Production and Secretion of Proteins in Filamentous
 ; TITLE OF INVENTION: Fungi
 ; FILE REFERENCE: 1716.034004
 ; CURRENT APPLICATION NUMBER: US/10/286,993
 ; CURRENT FILING DATE: 2002-08-13
 ; PRIOR APPLICATION NUMBER: US/09/120,804
 ; PRIOR FILING DATE: 1998-07-23
 ; PRIOR APPLICATION NUMBER: PCT/F197/00037
 ; PRIOR FILING DATE: 1997-01-24
 ; PRIOR APPLICATION NUMBER: US 08/590,563
 ; PRIOR FILING DATE: 1996-01-26
 ; NUMBER OF SEQ ID NOS: 18
 ; SOFTWARE: PatentIn version 3.0
 ; SEQ ID NO 13
 ; LENGTH: 27
 ; TYPE: DNA
 ; ORGANISM: Trichoderma reesei and Actinomodura flexuosa (STRAIN: QM6a and
 ; DSM43186)
 ; FEATURE:
 ; NAME/KEY: CDS
 ; LOCATION: (1)..(27)
 ; OTHER INFORMATION: Partial sequence of the fusion in pALK948. Bases 1-5
 ; OTHER INFORMATION: are bases 13
 ; OTHER INFORMATION: 42-1346 of T.reesei manl sequence, bases 6-18 are synthetic KEX2-
 ; OTHER INFORMATION: linker, bases are 19-27 are bases 432-440 of A.flexuosa AM3 seq
 ; OTHER INFORMATION: ence.
 ; US-10-286-993-13

Query Match 0.3%; Score 18; DB 1; Length 27;
 Best Local Similarity 80.8%; Pred. No. 3.4e+02;
 Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3979 AGGCGCGGACTACCGGACACACC 4004
 Db 2 ATGTCGCGACAGCGGACACACC 27

RESULT 162

US-10-085-906-141
 ; Sequence 141, Application US/10085906
 ; Publication No. US20030054371A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ying, Vincent
 ; APPLICANT: Wu, Paul
 ; APPLICANT: Gray, Gary S.
 ; TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
 ; FILE REFERENCE: GNN-5343CP2
 ; CURRENT APPLICATION NUMBER: US/10/085,906
 ; CURRENT FILING DATE: 2002-02-27
 ; PRIOR APPLICATION NUMBER: US 60/126,215
 ; PRIOR FILING DATE: 1999-03-25
 ; PRIOR APPLICATION NUMBER: US 09/534,061
 ; PRIOR FILING DATE: 2000-03-24
 ; PRIOR APPLICATION NUMBER: PCT/US00/07938

; PRIOR FILING DATE: 2000-03-24
 ; NUMBER OF SEQ ID NOS: 545
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 141
 ; LENGTH: 21
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-085-906-141

Query Match 0.3%; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 2.5e+02;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCT 291
 Db 1 TCTCTCTCTCTCTCTCTCT 21

RESULT 163

US-10-194-370-16
 ; Sequence 16, Application US/10194370
 ; Publication No. US20030096270A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Paul Andrew Whitaker et al
 ; TITLE OF INVENTION: Disease-Associated Gene
 ; FILE REFERENCE: Case 4-32067A/HO 41
 ; CURRENT APPLICATION NUMBER: US/10/194,370
 ; CURRENT FILING DATE: 2002-07-12
 ; NUMBER OF SEQ ID NOS: 94
 ; SOFTWARE: PatentIn Ver. 2.1
 ; SEQ ID NO 16
 ; LENGTH: 21
 ; TYPE: DNA
 ; ORGANISM: Homo sapiens
 ; US-10-194-370-16

Query Match 0.3%; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 2.5e+02;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4152 CCTCTGCTGGCTCTCTCTGTC 4172
 Db 1 CCTCTGCTGGCTCTCTCTGTC 21

RESULT 164

US-10-418-182-104/c
 ; Sequence 104, Application US/10418182
 ; Publication No. US20030228302A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Crea, Roberto
 ; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
 ; FILE REFERENCE: 1551.2001-001
 ; CURRENT APPLICATION NUMBER: US/10/418,182
 ; CURRENT FILING DATE: 2003-04-16
 ; PRIOR APPLICATION NUMBER: 60/373,558
 ; PRIOR FILING DATE: 2002-04-17
 ; NUMBER OF SEQ ID NOS: 423
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 104
 ; LENGTH: 21
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: oligonucleotide
 ; US-10-418-182-104

Query Match 0.3%; Score 17.8; DB 1; Length 21;
 Best Local Similarity 90.5%; Pred. No. 2.5e+02;
 Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4416 AATATATATATATATATAT 4436
 Db 1 AATATATATATATATATAT 4436

Db 21 AATAATATGATATATATAT 1

RESULT 165

US-10-418-182-134

Sequence 134, Application US/10418182

Publication No. US20030228302A1

GENERAL INFORMATION:

APPLICANT: Crea, Roberto

TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOLOGICALS

FILE REFERENCE: 1531.2001-001

CURRENT APPLICATION NUMBER: US/10/418.182

CURRENT FILING DATE: 2003-04-16

PRIOR APPLICATION NUMBER: 60/373,558

PRIOR FILING DATE: 2002-04-17

NUMBER OF SEQ ID NOS: 423

SOFTWARE: FASTSEQ for Windows Version 4.0

SEQ ID NO 134

LENGTH: 21

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: oligonucleotide

US-10-418-182-134

Query Match 0.3%; Score 17.8; DB 1; Length 21;

Best Local Similarity 90.5%; Pred. No. 2.5e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4416 AATAATATATATATATATAT 4436

Db 1 AATAATATATATATATATAT 21

RESULT 166

US-10-786-720-14807

Sequence 14807, Application US/10786720

Publication No. US20040191818A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: O'Toole, Margot

APPLICANT: Liu, Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

TITLE OF INVENTION: DISEASES

FILE REFERENCE: 031896-023000 (AM1013311)

CURRENT APPLICATION NUMBER: US/10/786.720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PatentIn version 3.2

SEQ ID NO 14807

LENGTH: 21

TYPE: RNA

ORGANISM: RNAI-sense strand

US-10-786-720-14807

Query Match 0.3%; Score 17.8; DB 1; Length 21;

Best Local Similarity 61.9%; Pred. No. 2.5e+02;

Matches 13; Conservative 6; Mismatches 2; Indels 0; Gaps 0;

QY 923 TGAGCCAGAGAGGCTTCCTT 943

Db 1 UGAGCCUAGAGAGGUCUUCUU 21

RESULT 167

US-09-866-108-4276

Sequence 4276, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

PRIOR FILING DATE: 2000-10-04

PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00662

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00661

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00670

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 60/234,687

PRIOR FILING DATE: 2000-09-21

PRIOR APPLICATION NUMBER: US 60/266,860

PRIOR FILING DATE: 2001-02-05

NUMBER OF SEQ ID NOS: 15752

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 4276

LENGTH: 25

TYPE: DNA

ORGANISM: Homo sapiens

US-09-866-108-4276

Query Match 0.3%; Score 17.8; DB 1; Length 25;

Best Local Similarity 90.5%; Pred. No. 3.3e+02;

Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 ACAAGAGGAAACATGGGCG 789

Db 5 ATRAGAGGAAACATGGGCG 25

RESULT 168

US-09-866-108-4277

Sequence 4277, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: AEOMICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

CURRENT FILING DATE: 2001-05-25

PRIOR APPLICATION NUMBER: US 60/207,456

PRIOR FILING DATE: 2000-05-26

PRIOR APPLICATION NUMBER: GB 24263.6

```

; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4277
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4277

Query Match          0.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```

Oy      769 ACAAGAAGAAACATGCGGC 789
Db      4 ATAAGAAGAAAGATGCGGC 24

RESULT 169
US-09-866-108-4278
; Sequence 4278, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4278
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-4278

Query Match          0.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
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Oy      769 ACAAGAAGAAACATGCGGC 789
Db      3 ATAAGAAGAAAGATGCGGC 23

RESULT 170
US-09-866-108-4279
; Sequence 4279, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT FILING DATE: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
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/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 4279
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108-4279

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

769 ACAAGAGGAAACATGGGCG 789
Db 2 ATAGAGGAAAGATGGGCG 22

RESULT 171
US-09-866-108-4280
/ Sequence 4280, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ CURRENT FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 4280
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/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-866-108-4280

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

769 ACAAGAGGAAACATGGGCG 789
Db 1 ATAGAGGAAAGATGGGCG 21

RESULT 172
US-10-098-263B-40421/c
/ Sequence 40421, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ CURRENT FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 40421
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-098-263B-40421

Query Match
Best Local Similarity 90.5%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

2056 ACACTGGGGAACAAGGAG 2076
Db 25 ACACTTGGGAACAAGGAG 5

RESULT 173
US-10-098-263B-127273
/ Sequence 127273, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ CURRENT FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 127273
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-098-263B-127273

Query Match
Best Local Similarity 90.3%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

849 GAGGAGACACAGAAAGTGC 869
Db 1 GAGGTGACACAGAAAGTGC 21

RESULT 174
```



```
US-10-061-201-3145/c
; Sequence 3145, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061.201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3145
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3145

Query Match
Best Local Similarity 0.3%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      815 GCCGCTGGAGAGAGAGAC 835
Db      25 GCCCTCGAGAGAGAGAC 5

RESULT 175
US-10-061-201-3150/c
; Sequence 3150, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061.201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
```

```
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3150
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3150

Query Match
Best Local Similarity 0.3%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      814 TGGCCTGGAGAGAGACA 834
Db      21 TGGCCTGGAGAGAGACA 1

RESULT 176
US-10-723-361-4276
; Sequence 4276, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David R.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 4276
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4276

Query Match
Best Local Similarity 0.3%; Score 17.8; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      769 ACAAGAGAGAAACATGGGCG 789
Db      5 ATAAGAGAGAAAGATGGGCG 25
```

```
RESULT 177
US-10-723-361-4277
; Sequence 4277, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4277
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4277

Query Match          0.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      769 ACAAGAAGAAACATGGGCG 789
Db      4 ATAAGAAGAAAGATGGGCG 24

RESULT 178
US-10-723-361-4278
; Sequence 4278, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
```

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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4278
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4278

Query Match          0.3%; Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      769 ACAAGAAGAAACATGGGCG 789
Db      3 ATAAGAAGAAAGATGGGCG 23

RESULT 179
US-10-723-361-4279
; Sequence 4279, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining prior Application data removed - See File Wrapper or PALM.
```

NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 4279
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-4279

Query Match 0.3% Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 769 ACAAGAGGAAACATGCGGC 789
Db 2 ATAGAGGAGAAAGATGCGGC 22

RESULT 180
US-10-723-361-4280
Sequence 4280, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: BANK, David R.
APPLICANT: CHEN, Mengheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 4280
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-4280

Query Match 0.3% Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 769 ACAAGAGGAAACATGCGGC 789
Db 1 ATAGAGGAGAAAGATGCGGC 21

RESULT 181
US-10-775-169-636

Sequence 636, Application US/10775169
Publication No. US2004015743A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Dornier, Andrew
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 636
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-636

Query Match 0.3% Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1167 CTCTATGAGAGTCAATCCGG 1187
Db 5 CTCATGAGAGGTCAATCCGG 25

RESULT 182
US-10-775-169-637
Sequence 637, Application US/10775169
Publication No. US2004015743A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Dornier, Andrew
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 637
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-637

Query Match 0.3% Score 17.8; DB 1; Length 25;
Best Local Similarity 90.5%; Pred. No. 3.3e+02;
Matches 19; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1167 CTCTATGAGAGTCAATCCGG 1187
Db 4 CTCATGAGAGGTCAATCCGG 24

RESULT 183
US-09-940-185-3949/C
Sequence 3949, Application US/09940185
Publication No. US20030096239A1
GENERAL INFORMATION:
APPLICANT: Gunderson, Kevin
APPLICANT: Chee, Mark
TITLE OF INVENTION: Probes and Decoder Oligonucleotides
FILE REFERENCE: A-69605-1
CURRENT APPLICATION NUMBER: US/09/940,185
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: US 60/227,948
PRIOR FILING DATE: 2000-08-25

```

; PRIOR APPLICATION NUMBER: US 60/228,854
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 4768
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 3949
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-3949

Query Match          0.3%; Score 17.6; DB 1; Length 24;
Best Local Similarity 83.3%; Pred. No. 3.3e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1487 CATTAGAGTCCAGAGATGCTC 1510
DB      24  CATTGAGAACCCCGAGATGTC 1

RESULT 184
US-09-770-621-11
; Sequence 11, Application US/09770621
; Patent No. US20010024815A1
; GENERAL INFORMATION:
; APPLICANT: M nlyl, Arja
; APPLICANT: Vehmaander, Jari
; APPLICANT: Fagerstr m, Richard
; APPLICANT: Lantto, Raija
; APPLICANT: Paloheimo, Marja
; APPLICANT: Suominen, Pirkko
; APPLICANT: Lahtinen, Tarja
; TITLE OF INVENTION: Production and Secretion of Proteins of
; NUMBER OF SEQUENCES: 39
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: STERN, KESSLER, GOLDSTEIN & FOX, P.L.L.C.
; STREET: 1100 New York Ave., N.W. Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/770,621
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/590,563
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/332,412
; FILING DATE: 31-OCT-1994
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/282,001
; FILING DATE: 29-JUL-1994
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: Bugaisky, Lawrence B.
; REGISTRATION NUMBER: 35,086
; REFERENCE/DOCKET NUMBER: 1050.0340003
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 202-371-2600
; TELEFAX: 202-371-2540
; INFORMATION FOR SEQ ID NO: 11:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 25 base pairs

```

```

; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: both
; MOLECULE TYPE: cDNA
; FEATURE:
; NAME/KEY: CDS
; LOCATION: 2..25
US-09-770-621-11

Query Match          0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3981 GGGCGGAGTACCGGACACAC 4004
DB      2  GGTGGGACAGGCGACACAC 25

RESULT 185
US-09-866-108-12695
; Sequence 12695, Application US/09866108
; Patent No. US2002004800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeo mica Sequence Listing Engine
; SEQ ID NO 12695
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-12695

Query Match          0.3%; Score 17.6; DB 1; Length 25;

```



```
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 1554 AAGTACAGAAATTCGATGAAG 1577
Db 2 AAGTAAACAGAAATTCACAGTAAG 25

RESULT 190
US-10-098-263B-83203/C
; Sequence 83203; Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83203
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-098-263B-83203

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4269 GAGCGTGAAGAAACGACACC 4292
Db 25 GAGCGTGAAGAAACGACACC 2

RESULT 191
US-10-098-263B-83204/C
; Sequence 83204; Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 83204
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-098-263B-83204

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4269 GAGCGTGAAGAAACGACACC 4292
Db 25 GAGCGTGAAGAAACGACACC 2

RESULT 192
US-10-061-201-3141/C
; Sequence 3141; Application US/10061201
; Publication No. US2003016229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
```

```
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3141
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3141

Query Match 0.3%; Score 17.6; DB 1; Length 25;
Best Local Similarity 83.3%; Pred. No. 3.6e+02;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 819 CTGAGAGAGAGACACGCGAC 842
Db 25 CTGAGAGAGAGACACGCGAC 2

RESULT 193
US-10-061-201-3142/C
; Sequence 3142; Application US/10061201
; Publication No. US2003016229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3142
; LENGTH: 25
```

TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-3142

Query Match
Best Local Similarity 83.3%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 819 CTGAGAGAGACAGACAGCGGAC 842
DB 24 CTGAGAGACAGACAGACAGCGGAC 1

RESULT 194
US-10-717-597-4365/C
Sequence 4365, Application US/10717597
Publication No. US20040110221A1
GENERAL INFORMATION:
APPLICANT: Burczynski, Michael E.
APPLICANT: Twine, Natalie C.
APPLICANT: Dornef, Andrew J.
APPLICANT: Trepichio, William L.
APPLICANT: Slonim, Donna K.
APPLICANT: Stever, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4365
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-717-597-4365

Query Match
Best Local Similarity 83.3%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 451 CCTCGGTGTGTGTGGTCTCTGG 474
DB 25 CCTGAGGTGTGTAGCTCTCTGG 2

RESULT 195
US-10-723-361-12695
Sequence 12695, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Shaaron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359

PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 12695
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-12695

Query Match
Best Local Similarity 83.3%; Score 17.6; DB 1; Length 25;
Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1664 CCGCTCTCGACAGATGAAGA 1687
DB 1 CCGCTTCAGACAGAGCTGAAGA 24

RESULT 196
US-09-961-077-929
Sequence 929, Application US/09961077
Publication No. US20030014775A1
GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
Edington, Brent E.
McSwiggen, James A.
Merlo, Patricia Ann Owens
Guo, Lining
Skokut, Thomas A.
Young, Scott A.
Folkerts, Otto
Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961,077
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726

```

; FILING DATE: September 2, 1994
; ATTORNEY/AGENT INFORMATION:
;   NAME: Warburg, Richard J.
;   REGISTRATION NUMBER: 32,327
;   REFERENCE/DOCKET NUMBER: 219/247
; TELECOMMUNICATION INFORMATION:
;   TELEPHONE: (213) 489-1600
;   TELEFAX: (213) 955-0440
;   TELEX: 67-3510
; INFORMATION FOR SEQ ID NO: 929:
;   SEQUENCE CHARACTERISTICS:
;     LENGTH: 27 base pairs
;     TYPE: nucleic acid
;     STRANDEDNESS: single
;     TOPOLOGY: linear
; FEATURE:
;   OTHER INFORMATION: The letter "N" stands for any base.
; SEQUENCE DESCRIPTION: SEQ ID NO: 929:
US-09-961-077-929
```

```
Query Match          0.3%; Score 17.6; DB 1; Length 27;
Best Local Similarity 44.0%; Pred. No. 4e+02;
Matches 11; Conservative 9; Mismatches 5; Indels 0; Gaps 0;
```

```
OY      300 TGGTTTCTGTAATGAGGAGCTTC 324
Db      1 UGCGUCUCUGAUGANGAUAUUCUC 25
```

```
RESULT 197
US-10-114-091-8
; Sequence 8, Application US/10114091
; Publication No. US20020197243A1
; GENERAL INFORMATION:
;   APPLICANT: Nicollette, Charles A.
;   TITLE OF INVENTION: NOVEL P53BP2 COMPOUNDS FOR THERAPY AND DIAGNOSIS AND METHODS FOR
;   TITLE OF INVENTION: SAME
;   FILE REFERENCE: G2 2106.00
;   CURRENT APPLICATION NUMBER: US/10/114,091
;   CURRENT FILING DATE: 2002-06-04
;   PRIOR APPLICATION NUMBER: US 60/280,794
;   PRIOR FILING DATE: 2001-03-30
;   NUMBER OF SEQ ID NOS: 22
;   SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
;   LENGTH: 27
;   TYPE: DNA
;   ORGANISM: Artificial Sequence
;   FEATURE:
;   OTHER INFORMATION: P53 BP2
;   NAME/KEY: misc feature
;   LOCATION: 6, 9, 15, 27
;   OTHER INFORMATION: n = A,T,C or G
US-10-114-091-8
```

```
Query Match          0.3%; Score 17.6; DB 1; Length 27;
Best Local Similarity 60.9%; Pred. No. 4e+02;
Matches 14; Conservative 6; Mismatches 3; Indels 0; Gaps 0;
```

```
OY      1585 TCTTGTGTAAGAGAGAGAG 1607
Db      2 TTYTGTGACAGACGAAAGAR 24
```

```
RESULT 198
US-10-211-859-25/c
; Sequence 25, Application US/10211859
; Publication No. US20040022765A1
; GENERAL INFORMATION:
;   APPLICANT: Brett P. Monia
;   APPLICANT: Kenneth W. Doble
;   TITLE OF INVENTION: ANTISENSE MODULATION OF RAN GTPASE ACTIVATING PROTEIN 1 EXPRESSIO
```

```

; FILE REFERENCE: HTS-0013
; CURRENT APPLICATION NUMBER: US/10/211,859
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
;   OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-859-25
```

```
Query Match          0.3%; Score 17.4; DB 1; Length 20;
Best Local Similarity 94.7%; Pred. No. 2.7e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      1336 AAGACAAGTCAAGGCTT 1354
Db      20 AAGACAAGTCAAGGCGAT 2
```

```
RESULT 199
US-09-866-108-4281
; Sequence 4281, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
;   APPLICANT: GU, Yizhong
;   APPLICANT: JI, Yonggang
;   APPLICANT: PENN, Sharon G.
;   APPLICANT: HANZEL, David K.
;   APPLICANT: RANK, David R.
;   APPLICANT: CHEN, Wensheng
;   APPLICANT: SHANNON, Mark
;   TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;   FILE REFERENCE: AEOWICA-7
;   CURRENT APPLICATION NUMBER: US/09/866,108
;   CURRENT FILING DATE: 2001-05-25
;   PRIOR APPLICATION NUMBER: US 60/207,456
;   PRIOR FILING DATE: 2000-05-26
;   PRIOR APPLICATION NUMBER: GB 24263.6
;   PRIOR FILING DATE: 2000-10-04
;   PRIOR APPLICATION NUMBER: US 60/236,359
;   PRIOR FILING DATE: 2000-09-27
;   PRIOR APPLICATION NUMBER: PCT/US01/00666
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00667
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00664
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00669
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00665
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00668
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00663
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00662
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00661
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: PCT/US01/00670
;   PRIOR FILING DATE: 2001-01-30
;   PRIOR APPLICATION NUMBER: US 60/234,687
;   PRIOR FILING DATE: 2000-09-21
;   PRIOR APPLICATION NUMBER: US 60/266,860
;   PRIOR FILING DATE: 2001-02-05
;   NUMBER OF SEQ ID NOS: 15752
;   SOFTWARE: Aeomica Sequence Listing Engine
;   SEQ ID NO 4281
;   LENGTH: 25
;   TYPE: DNA
;   ORGANISM: Homo sapiens
```


US-09-866-108-4281

Query Match

Best Local Similarity 0.3%; Score 17.4; DB 1; Length 25;
Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGAAGGAAAACATGGGCGC 789

Db 2 AAGAAGGAAAACATGGGCGC 20

RESULT 200

US-09-866-108-4282

Sequence 4282, Application US/09866108

Patent No. US20020048800A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE

FILE REFERENCE: A60MICA-7

CURRENT APPLICATION NUMBER: US/09/866,108

PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

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PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

RESULT 201

US-10-723-361-4281

Sequence 4281, Application US/10723361

Publication No. US20040137589A1

GENERAL INFORMATION:

APPLICANT: GU, Yizhong

APPLICANT: JI, Yonggang

APPLICANT: PENN, Sharon G.

APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.

APPLICANT: CHEN, Wensheng

APPLICANT: SHANNON, Mark

TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART

FILE REFERENCE: PB0105

CURRENT APPLICATION NUMBER: US/10/723,361

PRIORITY FILING DATE: 2003-11-26

PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

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PRIORITY FILING DATE: 2001-05-25

PRIORITY FILING DATE: 2001-05-25

```
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 4282
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-723-361-4282

Query Match          0.3%; Score 17.4; DB 1; Length 25;
Best Local Similarity 94.7%; Pred. No. 3.9e+02;
Matches 18; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      771 AAGAGGAAAAATGGGGC 789
Db      1 AAGAGGAAAAATGGGGC 19

RESULT 203
/ US-10-002-623-32
/ Sequence 32, Application US/10002623
/ Publication No. US20030134265A1
/ GENERAL INFORMATION:
/ APPLICANT: OEFNER, PETER J.
/ TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
/ TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
/ FILE REFERENCE: STAN-212
/ CURRENT APPLICATION NUMBER: US/10/002,623
/ CURRENT FILING DATE: 2001-11-01
/ PRIOR APPLICATION NUMBER: US 60/245,355
/ PRIOR FILING DATE: 2000-11-01
/ NUMBER OF SEQ ID NOS: 952
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 32
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: synthetic oligo
/ US-10-002-623-32

Query Match          0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 3.7e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      273 TCTCTCTTCTCTCTCTCTC 294
Db      1 TCTCTCTCTCTCTCTCTC 22

RESULT 204
/ US-09-756-095-53/c
/ Sequence 53, Application US/09756095
```

```
/ Patent No. US20020115207A1
/ GENERAL INFORMATION:
/ APPLICANT: Mitchell, Lloyd G.
/ APPLICANT: Garcia-Blanco, Mariano A.
/ TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
/ TITLE OF INVENTION: SPICEOSOME MEDIATED RNA TRANS-SPICING
/ FILE REFERENCE: A31304-B-A 072874.0134
/ CURRENT APPLICATION NUMBER: US/09/756,095
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: 09/158,863
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 09/133,717
/ PRIOR FILING DATE: 1998-08-13
/ PRIOR APPLICATION NUMBER: 09/087,233
/ PRIOR FILING DATE: 1998-05-28
/ PRIOR APPLICATION NUMBER: 08/766,354
/ PRIOR FILING DATE: 1996-12-13
/ PRIOR APPLICATION NUMBER: 60/008,317
/ PRIOR FILING DATE: 1995-12-07
/ NUMBER OF SEQ ID NOS: 105
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 53
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: trans-spliced product containing Human chorionic
/ OTHER INFORMATION: gonadotropin gene 6 sequences and Corynebacterium
/ US-09-756-095-53

Query Match          0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1952 CATCCACAGCTCTGGACATC 1973
Db      24 CATCATCAGCCCTGGACATC 3

RESULT 205
/ US-09-941-492-53/c
/ Sequence 53, Application US/09941492
/ Publication No. US20030027250A1
/ GENERAL INFORMATION:
/ APPLICANT: Mitchell, Lloyd
/ APPLICANT: Garcia-Blanco, Mariano M.
/ APPLICANT: Putcharaju, Madaihan
/ TITLE OF INVENTION: METHODS OF COMPOSITIONS FOR USE IN
/ TITLE OF INVENTION: SPICEOSOME MEDIATED RNA TRANS-SPICING
/ FILE REFERENCE: A31304-B-AE (072874.0156)
/ CURRENT APPLICATION NUMBER: US/09/941,492
/ CURRENT FILING DATE: 2002-04-01
/ PRIOR APPLICATION NUMBER: 09/838,858
/ PRIOR FILING DATE: 2001-04-20
/ PRIOR APPLICATION NUMBER: 09/756,096
/ PRIOR FILING DATE: 2001-01-08
/ PRIOR APPLICATION NUMBER: 09/158,863
/ PRIOR FILING DATE: 1998-09-23
/ PRIOR APPLICATION NUMBER: 09/133,717
/ PRIOR FILING DATE: 1998-08-13
/ PRIOR APPLICATION NUMBER: 09/087,233
/ PRIOR FILING DATE: 1998-05-28
/ PRIOR APPLICATION NUMBER: 08/766,354
/ PRIOR FILING DATE: 1996-12-13
/ NUMBER OF SEQ ID NOS: 125
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 53
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
```

OTHER INFORMATION: Trans-spliced product containing human chorionic
OTHER INFORMATION: gonadotropin gene 6 sequences and Corynebacterium
US-09-941-492-53

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1952 CATCCACGCTCTGGAAATC 1973
DB 24 CATCATCAGCCCTCGAATC 3

RESULT 206

US-09-756-096A-53/c
Sequence 53, Application US/09756096A
Publication No. US2003007754A1
GENERAL INFORMATION:
APPLICANT: Mitchell, Lloyd G.
APPLICANT: Garcia-Blanco, Mariano A.
APPLICANT: Puttaraju, Madalain
APPLICANT: Mansfield, Gary S.
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
TITLE OF INVENTION: SPLICOSOME MEDIATED RNA TRANS-SPLICING
FILE REFERENCE: A31304-B-A-B 072874.0135
CURRENT APPLICATION NUMBER: US/09/756,096A
CURRENT FILING DATE: 2001-01-08
PRIOR APPLICATION NUMBER: 09/158,863
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 09/133,717
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 08/766,354
PRIOR FILING DATE: 1996-12-13
PRIOR APPLICATION NUMBER: 60/008,317
PRIOR FILING DATE: 1995-12-15
NUMBER OF SEQ ID NOS: 105
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 53
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: trans-spliced product containing human chorionic
OTHER INFORMATION: gonadotropin gene 6 sequences and Corynebacterium
OTHER INFORMATION: diptheriae toxin A sequence
US-09-756-096A-53

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1952 CATCCACGCTCTGGAAATC 1973
DB 24 CATCATCAGCCCTCGAATC 3

RESULT 207

US-09-838-858-53/c
Sequence 53, Application US/09838858
Publication No. US20030148937A1
GENERAL INFORMATION:
APPLICANT: Mansfield, Gary S.
APPLICANT: Mitchell, Lloyd G.
APPLICANT: Garcia-Blanco, Mariano A.
APPLICANT: Walsh, Christopher E.
APPLICANT: Chao, Hengjun
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
TITLE OF INVENTION: SPLICOSOME MEDIATED RNA TRANS-SPLICING
FILE REFERENCE: A31304-BAD 072874.01
CURRENT APPLICATION NUMBER: US/09/838,858

CURRENT FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: 09/756,096
PRIOR FILING DATE: 2001-02-08
PRIOR APPLICATION NUMBER: 09/158,863
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 09/133,717
PRIOR FILING DATE: 1998-08-13
PRIOR APPLICATION NUMBER: 09/087,233
PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 08/766,354
PRIOR FILING DATE: 1996-12-13
PRIOR APPLICATION NUMBER: 60/008,317
PRIOR FILING DATE: 1995-12-15
NUMBER OF SEQ ID NOS: 113
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 53
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Trans-spliced product containing humanchorionic
OTHER INFORMATION: gonadotropin gene 6 sequences and Corynebacterium
OTHER INFORMATION: diptheriae toxin A sequence
US-09-838-858-53

Query Match 0.3%; Score 17.2; DB 1; Length 24;
Best Local Similarity 86.4%; Pred. No. 3.9e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1952 CATCCACGCTCTGGAAATC 1973
DB 24 CATCATCAGCCCTCGAATC 3

RESULT 208

US-09-866-108-12691
Sequence 12691, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661

```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 12691
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-12691
```

```
Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1663 GCCAGCTCTGCAGCAGATGAA 1684
Db      4 GCCAGCTTGCAGCAGCAGCTGAA 25
```

```
RESULT 209
US-10-098-263B-23354/C
/ Sequence 23354, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ PRIOR FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 23354
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-098-263B-23354
```

```
Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2755 ACCTGAGTTCCTCGAGCTG 2776
Db      25 ACCTGAGCTCTCCACTCGAGCAG 4
```

```
RESULT 210
US-10-098-263B-33930
/ Sequence 33930, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ PRIOR FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 33930
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-098-263B-33930
```

```
Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4622 CTGGAGTGACACAGGCTCGG 4643
Db      4 CTGGGTGACACATGACTCGG 25
```

```
RESULT 211
US-10-098-263B-62327
/ Sequence 62327, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ PRIOR FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 62327
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-098-263B-62327
```

```
Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      502 CCAGCCGACATGCTCCCTG 523
Db      1 CCAGCAACCATGCTCTCTG 22
```

```
RESULT 212
US-10-098-263B-73322
/ Sequence 73322, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
/ TITLE OF INVENTION: Human Microarray
/ FILE REFERENCE: 3118.1
/ CURRENT APPLICATION NUMBER: US/10/098,263B
/ PRIOR FILING DATE: 2003-01-08
/ PRIOR APPLICATION NUMBER: 60/276,759
/ PRIOR FILING DATE: 2001-03-16
/ NUMBER OF SEQ ID NOS: 131066
/ SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
/ SEQ ID NO 73322
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-098-263B-73322
```

```
Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      1457 CAAAGTCAGCTTGAGTCTGG 1478
Db      1 CAAATGACGTTGAGTCCGG 22
```

```
RESULT 213
US-10-098-263B-99583
/ Sequence 99583, Application US/10098263B
/ Publication No. US20030104410A1
/ GENERAL INFORMATION:
/ APPLICANT: Miltman, Michael
```

```
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 99583
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-99583
```

```
Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      865 GTGTCGTCTCCACCCGAGCT 886
Db      1 GTCTCGTCTCTCAACCTAGCT 22
```

```
RESULT 214
US-10-098-263B-99584
; Sequence 99584, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 99584
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-99584
```

```
Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      865 GTGTCGTCTCCACCCGAGCT 886
Db      1 GTCTCGTCTCTCAACCTAGCT 22
```

```
RESULT 215
US-10-098-263B-118518
; Sequence 118518, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; PRIOR FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 118518
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-118518
```

```
Query Match      0.3%; Score 17.2; DB 1; Length 25;
```

```
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy      1364 GGGTCTGAGTCTCCGACCCGG 1385
Db      4 GGGTCTTACTCTCCGACCCGG 25
```

```
RESULT 216
US-10-107-748-11/c
; Sequence 11, Application US/10107748
; Publication No. US20030165880A1
; GENERAL INFORMATION:
; APPLICANT: Varigenics, Inc.
; TITLE OF INVENTION: Fluorescence-based Genotyping
; FILE REFERENCE: 24748-7024 (268/244)
; CURRENT APPLICATION NUMBER: US/10/107,748
; PRIOR FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: 09/394,467
; PRIOR FILING DATE: 1999-09-10
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 11
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Expected fragments from transferrin receptor sequence after clea
US-10-107-748-11
```

```
Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      4687 GAAGCTGTCTGTCCAGCTTC 4708
Db      22 GAAGCTGTCTGTCCAGCTTC 1
```

```
RESULT 217
US-10-107-748-15/c
; Sequence 15, Application US/10107748
; Publication No. US20030165880A1
; GENERAL INFORMATION:
; APPLICANT: Varigenics, Inc.
; TITLE OF INVENTION: Fluorescence-based Genotyping
; FILE REFERENCE: 24748-7024 (268/244)
; CURRENT APPLICATION NUMBER: US/10/107,748
; PRIOR FILING DATE: 2003-03-26
; PRIOR APPLICATION NUMBER: 09/394,467
; PRIOR FILING DATE: 1999-09-10
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 15
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Expected fragment from transferrin receptor cleavage.
US-10-107-748-15
```

```
Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
Qy      4687 GAAGCTGTCTGTCCAGCTTC 4708
Db      22 GAAGCTGTCTGTCCAGCTTC 1
```

```
RESULT 218
US-10-717-597-3764/c
```

```
/ Sequence 3764, Application US/10717597
/ Publication No. US20040110221A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael E.
/ APPLICANT: Twine, Natalie C.
/ APPLICANT: Dornier, Andrew J.
/ APPLICANT: Trepicchio, William L.
/ APPLICANT: Stonam, Donna K.
/ APPLICANT: Stover, Jennifer A.
/ TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
/ FILE REFERENCE: AM101080L
/ CURRENT APPLICATION NUMBER: US/10/717,597
/ CURRENT FILING DATE: 2003-11-21
/ PRIOR APPLICATION NUMBER: US 60/459,782
/ PRIOR FILING DATE: 2003-04-03
/ PRIOR APPLICATION NUMBER: US 60/427,982
/ PRIOR FILING DATE: 2002-11-21
/ NUMBER OF SEQ ID NOS: 4904
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 3764
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-717-597-3764

Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2473 CCTACACCAAGCAGAAAGCGAC 2494
DB      25  CCATCACCAAGCAGAAAGAGAC 4

RESULT 219
/ US-10-723-361-12691
/ Sequence 12691, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: UT, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MTO5IN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ CURRENT FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
```

```
/ SOFTWARE: Aeomica Sequence Listing Engine
/ SEQ ID NO 12691
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-10-723-361-12691

Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1663 GCCAGCTCCTGCAGCAGCATGAA 1684
DB      4  GCCAGCTTCAGCAGCATGAA 25

RESULT 220
/ US-10-775-169-4740/C
/ Sequence 2711, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ APPLICANT: Trepicchio, William
/ TITLE OF INVENTION: Method for Monitoring Drug Activities in Vivo
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 2711
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
/ US-10-775-169-2711

Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2473 CCTACACCAAGCAGAAAGCGAC 2494
DB      25  CCATCACCAAGCAGAAAGAGAC 4

RESULT 221
/ US-10-775-169-4740/C
/ Sequence 4740, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ APPLICANT: Trepicchio, William
/ TITLE OF INVENTION: Method for Monitoring Drug Activities in Vivo
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: Patentin version 3.2
/ SEQ ID NO 4740
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
/ US-10-775-169-4740

Query Match      0.3%; Score 17.2; DB 1; Length 25;
Best Local Similarity 86.4%; Pred. No. 4.2e+02;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Qy 4048 CAGGGCCTTAGCAGACTGC 4069
Db 22 CAGGGCCTTTGGCTGACTCC 1

RESULT 222
US-09-759-967-17
; Sequence 17, Application US/09759967
; Publication No. US20030166518A1
; GENERAL INFORMATION:
; APPLICANT: The Board of Regents of the University of Nebraska
; TITLE OF INVENTION: METHOD FOR ALLERGEN CHARACTERIZATION
; FILE REFERENCE: UNTL 3001.01
; CURRENT APPLICATION NUMBER: US/09/759,967
; CURRENT FILING DATE: 2001-01-12
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Glycine max
US-09-759-967-17

Query Match 0.3%; Score 17; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2807 AGAAATGAGAGAGAA 2823
Db 5 AGAAATGAGAGAGAA 21

RESULT 223
US-09-866-108-12594
; Sequence 12594, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670

; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 12594
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-12594

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

Qy 1221 TTGACGAGAGCTCCCGGCC 1245
Db 1 TTGACGAGAGCTCCCGGCC 25

RESULT 224
US-09-866-108-12595
; Sequence 12595, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 12595
; LENGTH: 25
; TYPE: DNA

ORGANISM: Homo sapiens
US-09-866-108-12595

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1222 TTGACCGACAGCTCTCCCGGCT 1246
DB 1 TTGACCTGACAGCTGCGCCAGCCCT 25

RESULT 225

US-09-866-108-12696
Sequence 12696, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 12696
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-12696

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1665 CAGCTCTGACGACGATGAGAACAA 1689
DB 1 CAGCTTCAGCAGCAGCTGAGAACAA 25

RESULT 226

US-09-866-108-12697
Sequence 12697, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 12697
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-12697

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1666 AGCTCTGACGACGATGAGAACAA 1690
DB 1 AGCTTCAGCAGCAGCTGAGAACAA 25

RESULT 227

US-09-866-108-12698
Sequence 12698, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.


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; OTHER INFORMATION: PCR Probe
; US-09-967-655-6
;
Query Match          0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      454 CGGTGCTGTGTGGCTCTCGGGGCTG 478
      ||||| | | | | | | | | | |
DB      25 CGGTGCTGTGTGTGTCATCGAGCTG 1

RESULT 229
US-10-060-756A-2464/c
; Sequence 2464, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060.756A
; CURRENT FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomca Sequence Listing Engine
; SEQ ID NO 2464
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-2464

Query Match          0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      4799 TGAAGAGACGAGAAATCAGCTCT 4823
      ||||| | | | | | | | | | |
DB      25 TGAAGGTGGGACACAGCAGCCCT 1

RESULT 230
US-10-098-263B-57558/c
; Sequence 57558, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098.263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 57558
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien

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US-10-098-263B-57558

Query Match 0.3%; Score 17; DB 1; Length 25;

Best Local Similarity 80.0%; Pred. No. 4.5e+02;

Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2690 CCAAGACAGATTGAGTTTCTCAGG 2714

DB 25 CCAAGACGAGATTGAGTATCTCAGG 1

RESULT 231

US-10-098-263B-80911/c

; Sequence 80911, Application US/10098263B

; Publication No. US20030104410A1

; GENERAL INFORMATION:

; APPLICANT: Miltman, Michael

; TITLE OF INVENTION: Human Microarray

; FILE REFERENCE: 3118.1

; CURRENT APPLICATION NUMBER: US/10/098,263B

; CURRENT FILING DATE: 2003-01-08

; PRIOR APPLICATION NUMBER: 60/276,759

; PRIOR FILING DATE: 2001-03-16

; NUMBER OF SEQ ID NOS: 131066

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 80911

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapien

US-10-098-263B-80911

Query Match 0.3%; Score 17; DB 1; Length 25;

Best Local Similarity 80.0%; Pred. No. 4.5e+02;

Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4462 TGATGTGCCAAGTCTGTCTAAGT 4486

DB 25 TGATGTGCCAAGTCTGTCTAAGT 1

RESULT 232

US-10-098-263B-96365/c

; Sequence 96365, Application US/10098263B

; Publication No. US20030104410A1

; GENERAL INFORMATION:

; APPLICANT: Miltman, Michael

; TITLE OF INVENTION: Human Microarray

; FILE REFERENCE: 3118.1

; CURRENT APPLICATION NUMBER: US/10/098,263B

; CURRENT FILING DATE: 2003-01-08

; PRIOR APPLICATION NUMBER: 60/276,759

; PRIOR FILING DATE: 2001-03-16

; NUMBER OF SEQ ID NOS: 131066

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 96365

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapien

US-10-098-263B-96365

Query Match 0.3%; Score 17; DB 1; Length 25;

Best Local Similarity 80.0%; Pred. No. 4.5e+02;

Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3551 CGAGATGTTTGAAGACCCCTGTAT 3575

DB 25 CGAGATGTTTCAAGACCTTTAT 1

RESULT 233

US-10-098-263B-100653

; Sequence 100653, Application US/10098263B

; Publication No. US20030104410A1

; GENERAL INFORMATION:

; APPLICANT: Miltman, Michael

; TITLE OF INVENTION: Human Microarray

; FILE REFERENCE: 3118.1

; CURRENT APPLICATION NUMBER: US/10/098,263B

; CURRENT FILING DATE: 2003-01-08

; PRIOR APPLICATION NUMBER: 60/276,759

; PRIOR FILING DATE: 2001-03-16

; NUMBER OF SEQ ID NOS: 131066

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 100653

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapien

US-10-098-263B-100653

Query Match 0.3%; Score 17; DB 1; Length 25;

Best Local Similarity 80.0%; Pred. No. 4.5e+02;

Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1363 AGGTCCTGAGTCTCCGACCGGCC 1387

DB 1 AGGATCTGAGTCTCCGCGCGCCC 25

RESULT 234

US-10-098-263B-119199/c

; Sequence 119199, Application US/10098263B

; Publication No. US20030104410A1

; GENERAL INFORMATION:

; APPLICANT: Miltman, Michael

; TITLE OF INVENTION: Human Microarray

; FILE REFERENCE: 3118.1

; CURRENT APPLICATION NUMBER: US/10/098,263B

; CURRENT FILING DATE: 2003-01-08

; PRIOR APPLICATION NUMBER: 60/276,759

; PRIOR FILING DATE: 2001-03-16

; NUMBER OF SEQ ID NOS: 131066

; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1

; SEQ ID NO 119199

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapien

US-10-098-263B-119199

Query Match 0.3%; Score 17; DB 1; Length 25;

Best Local Similarity 80.0%; Pred. No. 4.5e+02;

Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3578 GTCCCTGAGTCTCTCCCTAAGCT 3602

DB 25 GTCCCGAGGCTCTTCTTAGTCT 1

RESULT 235

US-10-061-201-3143/c

; Sequence 3143, Application US/10061201

; Publication No. US20030166229A1

; GENERAL INFORMATION:

; APPLICANT: Shannon, Mark

; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

; FILE REFERENCE: PB0178

; CURRENT APPLICATION NUMBER: US/10/061,201

; CURRENT FILING DATE: 2002-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR APPLICATION NUMBER: PCT/US01/00665

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3143
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3143

Query Match      0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      817 CGCTGAGAGAGAGACAGCGCGA 841
Db      25 CTCTGAGAGAGAGACAGCGCGA 1

RESULT 236
US-10-061-201-3144/C
; Sequence 3144, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN, POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 3144
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-3144

Query Match      0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
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RESULT 237
US-10-723-361-12594
; Sequence 12594, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 12594
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12594

Query Match      0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1221 TTGACCGAGCAGCTCTCCCGGCGC 1245
Db      1 TTGACCTGCGAGCTGGCGCCAGGCC 25

RESULT 238
US-10-723-361-12595
; Sequence 12595, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
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/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ SEQ ID NO 12595
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-12595
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Query Match      0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
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```
QY      1222 TTGACGACGAGCTCTCCCGGGCCT 1246
DB      1 TTGACTGACGCTGCGCCGAGCCCT 25
```

```
RESULT 239
US-10-723-361-12696
/ Sequence 12696, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
```

```
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ SEQ ID NO 12696
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-12696
```

```
Query Match      0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      1665 CAGCTCTGACGAGTGAAGACAA 1689
DB      1 CAGCTTACGACGACGCTGAAGCAA 25
```

```
RESULT 240
US-10-723-361-12697
/ Sequence 12697, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
```

```
US-10-723-361-12697
/ Sequence 12697, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
```

```
US-10-723-361-12697
/ Sequence 12697, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ PRIOR FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
```

```
Query Match      0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
```

```
QY      1666 AGCTCTGACGAGTGAAGACAA 1690
DB      1 AGCTTACGACGACGCTGAAGCAA 25
```

RESULT 241

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US-10-723-361-12698
; Sequence 12698, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 12698
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-12698

Query Match          0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 80.0%; Pred. No. 4.5e+02;
Matches 20; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY      1667 GCTCTGAGGAGTGAAGAAAG 1691
DB      1 GCTTCAGAGGAGCTGAAGCAAAAG 25

RESULT 242
; Sequence 68, Application US/09733294A
; Patent No. US2002004588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Mancewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-68

Query Match          0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      830 GGACACAGCGGACGACCTG 849
DB      20 GTACACAGCGGACGACCTG 1

RESULT 243
US-10-277-216-227
; Sequence 227, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; PRIOR FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 227
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-227

Query Match          0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2374 CAGAGAGGAGGAGCAGAG 2393
DB      1 CTGAGTGAGGAGGAGCAGAG 20

RESULT 244
US-10-277-216-228
; Sequence 228, Application US/10277216
; Publication No. US20040002470A1
; GENERAL INFORMATION:
; APPLICANT: KEITH, TIM
; TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
; FILE REFERENCE: 2976-4051
; CURRENT APPLICATION NUMBER: US/10/277,216
; PRIOR FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 10/126,022
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: 09/834,597
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: 09/548,797
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 420
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 228
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-277-216-228

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2374 CAGAGAGGAGGAGCAGAG 2393
DB 1 CTGAGTGGAGGAGCAGAG 20

RESULT 245

US-10-126-022-227
Sequence 227, Application US/10126022
Publication No. US20040023215A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4039US2
CURRENT APPLICATION NUMBER: US/10/126,022
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 227
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-227

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2374 CAGAGAGGAGGAGCAGAG 2393
DB 1 CTGAGTGGAGGAGCAGAG 20

RESULT 246

US-10-126-022-228
Sequence 228, Application US/10126022
Publication No. US20040023215A1
GENERAL INFORMATION:
APPLICANT: KEITH, TIM
TITLE OF INVENTION: NOVEL HUMAN GENE RELATING TO RESPIRATORY DISEASES,
TITLE OF INVENTION: OBESITY, AND INFLAMMATORY BOWEL DISEASE
FILE REFERENCE: 2976-4039US2
CURRENT APPLICATION NUMBER: US/10/126,022
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 09/834,597
PRIOR FILING DATE: 2001-04-13
PRIOR APPLICATION NUMBER: 09/548,797
PRIOR FILING DATE: 2000-04-13
NUMBER OF SEQ ID NOS: 420
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 228
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-126-022-228

Query Match 0.3%; Score 16.8; DB 1; Length 20;
Best Local Similarity 90.0%; Pred. No. 3.4e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2374 CAGAGAGGAGGAGCAGAG 2393
DB 1 CTGAGTGGAGGAGCAGAG 20

RESULT 247

US-10-032-924-72
Sequence 72, Application US/10032924
Publication No. US20030022190A1
GENERAL INFORMATION:
APPLICANT: Shipman, Robert
Leushner, James
Dunn, James M.
TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
MUTATIONS IN THE BRCA1 GENE
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: Oppedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/032,924
FILING DATE: 26-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/649,950
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN-P-028-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 72:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: yes
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
OTHER INFORMATION: amplification primer for BRCA1 gene
SEQUENCE DESCRIPTION: SEQ ID NO: 72:
US-10-032-924-72

Query Match 0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4464 ATGTGCCAAGTGTGTCTA 4483
DB 2 ATGTGCCAAGACTGTCTA 21

RESULT 248
US-10-349-143-10216

```
; Sequence 10216, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumentfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10216
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-10567 for SEQ 2351, in complem
US-10-349-143-10216

Query Match          0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4642 GGCCTTAAGAGCTGAAGAG 4661
DB      1   GGCATTAAAGAGGTGAAGAG 20

RESULT 249
US-10-786-720-19516
; Sequence 19516, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19516
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-19516

Query Match          0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      175 ACGCTGACCACTTGCCAG 194
DB      2   ACGCTGTGACCACTTGCCAG 21

RESULT 250
US-10-786-720-19518/c
; Sequence 19518, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Wyeeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19518
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-19518

Query Match          0.3%; Score 16.8; DB 1; Length 21;
Best Local Similarity 90.0%; Pred. No. 3.7e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      175 ACGCTGACCACTTGCCAG 194
DB      20 ACGCTGTGACCACTTGCCAG 1

RESULT 251
US-09-951-401-43
; Sequence 43, Application US/09951401
; Patent No. US20020115104A1
; GENERAL INFORMATION:
; APPLICANT: Bartel, Paul L.
; APPLICANT: Tavtigian, Sean V.
; TITLE OF INVENTION: MMSC2- An MMAC1 Interacting Protein
; FILE REFERENCE: MMSC2
; CURRENT APPLICATION NUMBER: US/09/951,401
; CURRENT FILING DATE: 2001-09-14
; PRIOR APPLICATION NUMBER: US 09/306,998
; PRIOR FILING DATE: 1999-05-07
; PRIOR APPLICATION NUMBER: US 60/084,740
; PRIOR FILING DATE: 1998-05-08
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-951-401-43

Query Match          0.3%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2890 CTGAGTACTGCTAGACAG 2909
DB      1   CTGAGTACTGCTTGAACAG 20

RESULT 252
US-09-922-101-43
; Sequence 43, Application US/09922101
; Patent No. US20020146711A1
; GENERAL INFORMATION:
; APPLICANT: Bartel, Paul L.
; APPLICANT: Tavtigian, Sean V.
; TITLE OF INVENTION: MMSC2- An MMAC1 Interacting Protein
; FILE REFERENCE: MMSC2
; CURRENT APPLICATION NUMBER: US/09/922,101
; CURRENT FILING DATE: 2001-08-06
; PRIOR APPLICATION NUMBER: 09/306,998
; PRIOR FILING DATE: 1999-05-07
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 43
```

LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-09-922-101-43

Query Match 0.3%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2890 CTGAGTACTGCTGACACG 2909
DB 1 CTGAGTACTGCTGACACG 20

RESULT 253
US-09-951-402-43
Sequence 43, Application US/09951402
Patent No. US20020168752A1
GENERAL INFORMATION:
APPLICANT: Bartel, Paul L.
TITLE OF INVENTION: MMSC2- An MMAC1 Interacting Protein
FILE REFERENCE: MMSC2
CURRENT APPLICATION NUMBER: US/09/951,402
CURRENT FILING DATE: 2001-09-14
PRIOR APPLICATION NUMBER: US 09/306,998
PRIOR FILING DATE: 1999-05-07
PRIOR APPLICATION NUMBER: US 60/084,740
PRIOR FILING DATE: 1998-05-08
NUMBER OF SEQ ID NOS: 72
SOFTWARE: Patentn Ver. 2.0
SEQ ID NO 43
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens
US-09-951-402-43

Query Match 0.3%; Score 16.8; DB 1; Length 22;
Best Local Similarity 90.0%; Pred. No. 4e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2890 CTGAGTACTGCTGACACG 2909
DB 1 CTGAGTACTGCTGACACG 20

RESULT 254
US-09-992-665-164/C
Sequence 164, Application US/09992665
Publication No. US2003092009A1
GENERAL INFORMATION:
APPLICANT: Kala Palm
TITLE OF INVENTION: PROFILING TUMOR SPECIFIC MARKERS FOR THE
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF NEOPLASTIC DISEASE
FILE REFERENCE: CEMNES.002A
CURRENT APPLICATION NUMBER: US/09/992,665
CURRENT FILING DATE: 2001-11-13
PRIOR APPLICATION NUMBER: 60/249,508
PRIOR FILING DATE: 2000-11-16
NUMBER OF SEQ ID NOS: 380
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 164
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Probe
US-09-992-665-164

Query Match 0.3%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 4.6e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3488 CAGTACTGCGGAGAGACG 3507
DB 23 CATTGACTGCGAGAGAGACG 4

RESULT 255
US-09-866-108-4275
Sequence 4275, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomice Sequence Listing Engine
SEQ ID NO 4275
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-4275

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 769 ACAAGAGGAAACATGGCG 788
DB 6 ATTAGAGGAAAGATGGCG 25

RESULT 256
US-09-866-108-13093/C
Sequence 13093, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:


```
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: AeoMica Sequence Listing Engine
; SEQ ID NO 13093
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13093

Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3870 CCCATCAAGCCTTCAGATC 3889
Db      25 CCATCAAGCCTTCGAATC 6
```

```
RESULT 257
US-09-866-108-13094/C
; Sequence 13094, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
```

```
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: AeoMica Sequence Listing Engine
; SEQ ID NO 13094
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13094

Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3870 CCCATCAAGCCTTCAGATC 3889
Db      24 CCATCAAGCCTTCGAATC 5
```

```
RESULT 258
US-09-866-108-13095/C
; Sequence 13095, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOmica-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
```

```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecmca Sequence Listing Engine
/ SEQ ID NO 13095
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-13095
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3870 CCCATCAGCCTTCCAGATC 3889
DB      23 CCGATCAGCCTTCCAAATC 4
```

```
RESULT 259
US-09-866-108-13096/c
/ Sequence 13096, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
```

```
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
/ PRIOR FILING DATE: 2001-02-05
/ NUMBER OF SEQ ID NOS: 15752
/ SOFTWARE: Aecmca Sequence Listing Engine
/ SEQ ID NO 13096
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-09-866-108-13096
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3870 CCCATCAGCCTTCCAGATC 3889
DB      22 CCGATCAGCCTTCCAAATC 3
```

```
RESULT 260
US-09-866-108-13097/c
/ Sequence 13097, Application US/09866108
/ Patent No. US20020048800A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
/ FILE REFERENCE: AEOMICA-7
/ CURRENT APPLICATION NUMBER: US/09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263.6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00662
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00661
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 60/234,687
/ PRIOR FILING DATE: 2000-09-21
/ PRIOR APPLICATION NUMBER: US 60/266,860
```

PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 13097
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-13097

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 3870 CCCATCAAGCCTTCAGATC 3889
DB 21 CCGATCAAGCCTTCAGATC 2

RESULT 261
US-09-866-108-13098/c
Sequence 13098, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 13098
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-13098

Query Match 0.3%; Score 16.8; DB 1; Length 25;

Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
OY 3870 CCCATCAAGCCTTCAGATC 3889
DB 20 CCGATCAAGCCTTCAGATC 1

RESULT 262
US-10-098-263B-72140/c
Sequence 72140, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
PRIOR FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 72140
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-72140

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 2163 CGAACCACCAACTATATGAA 2182
DB 20 CGAACCACCAACTATATGAA 1

RESULT 263
US-10-098-263B-80930
Sequence 80930, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
PRIOR FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 80930
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-80930

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 267 CCCCTCTCTCTCTCTCTCTC 286
DB 4 CTCCTCTCTCTCTCTCTCTC 23

RESULT 264
US-10-061-201-3151/c
Sequence 3151, Application US/10061201
Publication No. US2003016229A1
GENERAL INFORMATION:
APPLICANT: Shannon, Mark
TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

```
FILE REFERENCE: PB0178
CURRENT APPLICATION NUMBER: US/10/061.201
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 3151
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-3151
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      814 TGCCTGAGAGAGAGAC 833
      20 TGCCTGAGAGAGAGAC 1
```

```
RESULT 265
US-10-717-597-4886
Sequence 4886, Application US/10/17597
Publication No. US20040110221A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Burczynski, Michael E.
APPLICANT: Twine, Natalie C.
APPLICANT: Dorner, Andrew J.
APPLICANT: Trepicchio, William L.
APPLICANT: Slonim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4886
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-717-597-4886
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      5089 CAGCTCTGCTTCTTGTTA 5108
```

```
Db      2 CAGCTTGTCTTCTTGTTA 21
```

```
RESULT 266
US-10-723-361-4275
Sequence 4275, Application US/10/723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See file wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 4275
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-4275
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      769 ACAAGAGGAAACATGGGG 788
      6 ATAAGAGGAAAGATGGGG 25
```

```
RESULT 267
US-10-723-361-13093/C
Sequence 13093, Application US/10/723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
```

```
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13093
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13093
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      3870 CCATCAAGCCTTCAGATC 3889
Db      25 CCGATCAAGCCTTCAATC 6
```

```
RESULT 268
US-10-723-361-13094/c
; Sequence 13094, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
```

```
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13094
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13094
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      3870 CCATCAAGCCTTCAGATC 3889
Db      24 CCGATCAAGCCTTCAATC 5
```

```
RESULT 269
US-10-723-361-13095/c
; Sequence 13095, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 13095
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13095
```

```
Query Match      0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
OY      3870 CCATCAAGCCTTCAGATC 3889
Db      23 CCGATCAAGCCTTCAATC 4
```

```
RESULT 270
US-10-723-361-13096/c
; Sequence 13096, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmics Sequence Listing Engine
; SEQ ID NO 13096
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13096
Query Match          0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3870 CCCATCAGCCTCCAGATC 3889
DB      22 CCGATCAAGCCTCCAAATC 3

RESULT 271
US-10-723-361-13097/c
; Sequence 13097, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
```

```
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmics Sequence Listing Engine
; SEQ ID NO 13097
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-13097
Query Match          0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3870 CCCATCAGCCTCCAGATC 3889
DB      21 CCGATCAAGCCTCCAAATC 2

RESULT 272
US-10-723-361-13098/c
; Sequence 13098, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

NUMBER OF SEQ ID NOS: 1575
SOFTWARE: Acomica Sequence Listing Engine
SEQ ID NO 13098
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-13098

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3870 CCATCAAGCCTTCAGATC 3889
DB 20 CCATCAAGCCTTCAGATC 1

RESULT 273
US-10-775-169-3016/c
Sequence 3016, Application US/10775169
Publication No. US20040175743A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Dorner, Andrew
APPLICANT: Trepichio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3016
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-3016

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 4.9e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4704 GCTTCAGTGCACAGCTGC 4723
DB 22 GCTTCAGTGCACAGCTGC 3

RESULT 274
US-10-432-565-7
Sequence 7, Application US/10432565
Publication No. US2004007615A1
GENERAL INFORMATION:
APPLICANT: Grabowski et al.
TITLE OF INVENTION: NEW STRAIN OF YEAST FOR CONSUMPTION
FILE REFERENCE: 222803
CURRENT APPLICATION NUMBER: US/10/432,565
CURRENT FILING DATE: 2003-05-22
PRIOR APPLICATION NUMBER: PCT/EP01/11887
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: DE 100 583 79.2-41
PRIOR FILING DATE: 2000-11-24
NUMBER OF SEQ ID NOS: 26
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 7
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Description of the artificial sequence: primer for the
OTHER INFORMATION: differentiation of phylogenetic units, such as strains,
OTHER INFORMATION: substrains, species
US-10-432-565-7

Query Match 0.3%; Score 16.6; DB 1; Length 23;
Best Local Similarity 82.6%; Pred. No. 4.7e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3683 CAGCATGCTGCTCACCAGGCC 3705
DB 1 CAGCATGCTGCTCACCAGGCC 23

RESULT 275
US-09-365-029-4
Sequence 4, Application US/09365029
Patent No. US20010021772A1
GENERAL INFORMATION:
APPLICANT: UHLMANN, Eugen
APPLICANT: PEYMAN, Anuschirwan
APPLICANT: BITONTI, Alan J.
APPLICANT: MOESSNER, Richard D.
TITLE OF INVENTION: SHORT OLIGONUCLEOTIDES FOR THE INHIBITION OF VEGF
FILE REFERENCE: 26083/208
CURRENT APPLICATION NUMBER: US/09/365,029
CURRENT FILING DATE: 1999-08-02
EARLIER APPLICATION NUMBER: EP 98114853.9
EARLIER FILING DATE: 1998-08-07
NUMBER OF SEQ ID NOS: 94
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 4
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-09-365-029-4

Query Match 0.3%; Score 16.6; DB 1; Length 24;
Best Local Similarity 82.6%; Pred. No. 5e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 514 TGCTCCCTGCTGGAACCATGCG 536
DB 2 TGCTCCCTGCTGGAACCATGCG 24

RESULT 276
US-09-866-108-13559
Sequence 13559, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: UI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Mensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: ABOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecmica Sequence Listing Engine
;; SEQ ID NO 13559
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-13559

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAG 1610
DB 3 TGGAGAGCCAGAGAGAGAG 25

RESULT 277
US-09-866-108-13560
;; Sequence 13560, Application US/09866108
;; Patent No. US20020048800A1
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharon G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30

;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecmica Sequence Listing Engine
;; SEQ ID NO 13560
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-09-866-108-13560

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAG 1610
DB 2 TGGAGAGCCAGAGAGAGAG 24

RESULT 278
US-09-866-108-13561
;; Sequence 13561, Application US/09866108
;; Patent No. US20020048800A1
;; GENERAL INFORMATION:
;; APPLICANT: GU, Yizhong
;; APPLICANT: JI, Yonggang
;; APPLICANT: PENN, Sharon G.
;; APPLICANT: HANZEL, David K.
;; APPLICANT: RANK, David R.
;; APPLICANT: CHEN, Wensheng
;; APPLICANT: SHANNON, Mark
;; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
;; FILE REFERENCE: AECMICA-7
;; CURRENT APPLICATION NUMBER: US/09/866,108
;; CURRENT FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: US 60/207,456
;; PRIOR FILING DATE: 2000-05-26
;; PRIOR APPLICATION NUMBER: GB 24263.6
;; PRIOR FILING DATE: 2000-10-04
;; PRIOR APPLICATION NUMBER: US 60/236,359
;; PRIOR FILING DATE: 2000-09-27
;; PRIOR APPLICATION NUMBER: PCT/US01/00666
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00662
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00661
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00670
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 60/234,687
;; PRIOR FILING DATE: 2000-09-21
;; PRIOR APPLICATION NUMBER: US 60/266,860
;; PRIOR FILING DATE: 2001-02-05
;; NUMBER OF SEQ ID NOS: 15752
;; SOFTWARE: Aecmica Sequence Listing Engine
;; SEQ ID NO 13561
;; LENGTH: 25


```
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-13561

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGCAGAGAGAG 1610
Db 1 TGGAGAGAGCCAGAGAGAG 23

RESULT 279
US-09-754-853A-776
; Sequence 776, Application US/09754853A
; Publication No. US2003005491A1
; GENERAL INFORMATION:
; APPLICANT: Hauge, Brian M.
; APPLICANT: Parnell, Laurence D.
; APPLICANT: Parsons, Jeremy D.
; APPLICANT: Wang, Ming Li.
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With
; FILE REFERENCE: 38-10(115810)B
; CURRENT APPLICATION NUMBER: US/09/754,853A
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 60/174,880
; NUMBER OF SEQ ID NOS: 1119
; SEQ ID NO 776
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Glycine max
; FEATURE:
; OTHER INFORMATION: Clone ID: 318013_region_A3_138841_13_Reverse_Primer_Seq
US-09-754-853A-776

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1568 TCTGAATAGTGGTGGATCTTGG 1590
Db 1 TTTGAATACGTGGAGAGCTTGG 23

RESULT 280
US-10-060-756A-2221/C
; Sequence 2221, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
```

```
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ-ID NO 2221
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-2221

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 466 GGTCTCGGGGCTGCTGCCGCC 488
Db 25 GGTCCCGGGGCTGCTGCC 3

RESULT 281
US-10-060-756A-2224/C
; Sequence 2224, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/327,898
; PRIOR FILING DATE: 2001-10-09
; NUMBER OF SEQ ID NOS: 4804
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 2224
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-060-756A-2224

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 465 GGTCTCGGGGCTGCTGCCGCC 487
Db 23 GGTCCCGGGGCTGCTGCC 1

RESULT 282
US-10-060-756A-2454/C
; Sequence 2454, Application US/10060756A
; Publication No. US20030046717A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
; FILE REFERENCE: PB0177
; CURRENT APPLICATION NUMBER: US/10/060,756A
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
```

;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 09/864,761
;; PRIOR FILING DATE: 2001-05-23
;; PRIOR APPLICATION NUMBER: US 60/327,898
;; PRIOR FILING DATE: 2001-10-09
;; NUMBER OF SEQ ID NOS: 4804
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 2454
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-060-756A-2454

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4041 GGGCACACAGGCGCTCTAGGCGAG 4063
DB 25 GGGACACGACGCGCCCTCTAGGCGAG 3

RESULT 283
US-10-060-756A-2455/c
;; Sequence 2455, Application US/10060756A
;; Publication No. US20030046717A1
;; GENERAL INFORMATION:
;; APPLICANT: Zhang, Jian
;; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
;; FILE REFERENCE: PB0177
;; CURRENT APPLICATION NUMBER: US/10/060,756A
;; CURRENT FILING DATE: 2002-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 09/864,761
;; PRIOR FILING DATE: 2001-05-23
;; PRIOR APPLICATION NUMBER: US 60/327,898
;; PRIOR FILING DATE: 2001-10-09
;; NUMBER OF SEQ ID NOS: 4804
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 2455
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-060-756A-2455

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4041 GGGCACACAGGCGCTCTAGGCGAG 4063
DB 24 GGGACACGACGCGCCCTCTAGGCGAG 2

RESULT 284
US-10-060-756A-2456/c
;; Sequence 2456, Application US/10060756A
;; Publication No. US20030046717A1
;; GENERAL INFORMATION:
;; APPLICANT: Zhang, Jian
;; TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN
;; FILE REFERENCE: PB0177
;; CURRENT APPLICATION NUMBER: US/10/060,756A
;; CURRENT FILING DATE: 2002-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00667
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00664
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00669
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00665
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00668
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: PCT/US01/00663
;; PRIOR FILING DATE: 2001-01-30
;; PRIOR APPLICATION NUMBER: US 09/864,761
;; PRIOR FILING DATE: 2001-05-23
;; PRIOR APPLICATION NUMBER: US 60/327,898
;; PRIOR FILING DATE: 2001-10-09
;; NUMBER OF SEQ ID NOS: 4804
;; SOFTWARE: Aecomica Sequence Listing Engine
;; SEQ ID NO 2456
;; LENGTH: 25
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-060-756A-2456

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4041 GGGCACACAGGCGCTCTAGGCGAG 4063
DB 23 GGGACACGACGCGCCCTCTAGGCGAG 1

RESULT 285
US-10-044-692-202
;; Sequence 202, Application US/10044692
;; Publication No. US20030096344A1
;; GENERAL INFORMATION:
;; APPLICANT: Cech, Thomas R.
;; Lingerer, Joachim
;; Nakamura, Toru
;; Chapman, Karen B.
;; Morin, Gregg B.
;; Harley, Calvin
;; Andrews, William H.
;; TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
;; THERAPEUTIC METHODS
;; NUMBER OF SEQUENCES: 335
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Townsend and Townsend and Crew LLP
;; STREET: Two Embarcadero Center, 8th Floor
;; CITY: San Francisco
;; STATE: California
;; COUNTRY: United States of America
;; ZIP: 94111
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: Patentin Release #1.0, Version #1.30
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/10/044,692
;; FILING DATE: 11-Jan-2002

CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/912,951
FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 202:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 202:
US-10-044-539-202

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4044 CCACCAGGCGCTCTAGCAGCAGC 4066
Db 1 CCACCAGCTCCTTCAGCAGCAGC 23

RESULT 286
US-10-044-539-202
Sequence 202, Application US/10044539
Publication No. US20030100093A1
GENERAL INFORMATION:
APPLICANT: Cecch, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin
Andrews, William H.
TITLE OF INVENTION: HUMAN TELOMERASE CATALYTIC SUBUNIT: DIAGNOSTIC AND
THERAPEUTIC METHODS
NUMBER OF SEQUENCES: 335
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, 8th Floor
CITY: San Francisco
STATE: California
COUNTRY: United States of America
ZIP: 94111
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/044,539
FILING DATE: 11-Jan-2002
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/912,951

FILING DATE: <Unknown>
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996
ATTORNEY/AGENT INFORMATION:
NAME: Apple, Randolph T.
REGISTRATION NUMBER: 36,429
REFERENCE/DOCKET NUMBER: 015389-002600US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 202:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 202:
US-10-044-539-202

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4044 CCACCAGGCGCTCTAGCAGCAGC 4066
Db 1 CCACCAGCTCCTTCAGCAGCAGC 23

RESULT 287
US-10-098-263B-16377/c
Sequence 16377, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 16377
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-16377

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2572 AGCTTATGCACTACACGAGC 2594
Db 25 AGCTTATGCACTACACGAGC 3

RESULT 288
US-10-098-263B-28207/c
Sequence 28207, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael
TITLE OF INVENTION: Human Microarray

```
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 28207
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-28207

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2848 TTGGTGAGACTCTTCCAAAGCTG 2870
DB 25 TTGGTGAGTCTCTTCAAAAAGTG 3

RESULT 289
US-10-098-263B-28332
; Sequence 28332, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 28332
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-28332

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2020 ACATCTGACTGCAACGTAAG 2042
DB 2 ATATCTGAAGTGACACGTAAG 24

RESULT 290
US-10-098-263B-34648/c
; Sequence 34648, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 34648
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-34648

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2930 GTCTCTGACAGCAGAACTCT 2952
DB 25 GTCTCTGACAGCAGAACTCT 3
```

```
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 789 CTGGTGACCCATCTGCAATACC 811
DB 25 CTGGGAGCTATCTGCAAGACC 3

RESULT 291
US-10-098-263B-47471/c
; Sequence 47471, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 47471
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-47471

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 854 GGACACGAAAGTGTCTGCTC 876
DB 25 GGACACGACGAGTGTAGTACTC 3

RESULT 292
US-10-098-263B-50535/c
; Sequence 50535, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50535
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-50535

Query Match
Best Local Similarity 0.3%; Score 16.6; DB 1; Length 25;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2930 GTCTCTGACAGCAGAACTCT 2952
DB 25 GTCTCTGACAGCAGAACTCT 3

RESULT 293
US-10-098-263B-50536/c
; Sequence 50536, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
```

```
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 50536
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-50536

Query Match
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2930 GTCCTGACAGCGACGAATCCT 2952
DB 25 GTCCTGACAGCGACGATACACT 3

RESULT 294
US-10-098-263B-68988
; Sequence 68988, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 68988
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-68988

Query Match
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3189 GAAGTCACTAGCAGCGCCCTCC 3211
DB 1 GAAGTCACTAGTGGGCTCTCC 23

RESULT 295
US-10-098-263B-79979/c
; Sequence 79979, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 79979
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-79979

Query Match
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 2085 GTGCGTTCATGTTCAATGAGAC 2107
DB 23 GAGTCGTTTATGTTCAATCAAC 1

RESULT 296
US-10-098-263B-91592/c
; Sequence 91592, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 91592
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-91592

Query Match
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2411 GGAGGAAGAAATACAGTTTGCC 2433
DB 23 GGAAGAGACATCAGTTTCC 1

RESULT 297
US-10-098-263B-100105/c
; Sequence 100105, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 100105
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-100105

Query Match
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2881 TCTGTGACCTGAGTACCTGCTA 2903
DB 24 TCTGAGCATGAGACTCTTA 2

RESULT 298
US-10-061-201-3140/c
; Sequence 3140, Application US/10061201
; Publication No. US2003016229A1
; GENERAL INFORMATION:
; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
```

CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 09/864,761
PRIOR FILING DATE: 2001-05-23
PRIOR APPLICATION NUMBER: US 60/328,205
PRIOR FILING DATE: 2001-10-10
NUMBER OF SEQ ID NOS: 4162
SOFTWARE: Aecmica Sequence Listing Engine
SEQ ID NO 3140
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-061-201-3140

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGAGAGGACACAGCGGAC 842
DB 25 TGGAGAGGAGGACACCGAGGAC 3

RESULT 299
US-10-325-810-435
Sequence 435, Application US/10325810
Publication No. US20030204069A1
GENERAL INFORMATION:
APPLICANT: Cech, Thomas R.
Lingner, Joachim
Nakamura, Toru
Chapman, Karen B.
Morin, Gregg B.
Harley, Calvin B.
Andrews, William B.
TITLE OF INVENTION: Human Telomerase Catalytic Subunit
NUMBER OF SEQUENCES: 633
CORRESPONDENCE ADDRESS:
ADDRESSEE: Townsend and Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: California
COUNTRY: USA
ZIP: 94111-3834
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/325,810
FILING DATE: 20-Dec-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,181
FILING DATE: 29-Sep-1997
APPLICATION NUMBER: US 08/724,643
FILING DATE: 01-OCT-1996

APPLICATION NUMBER: US 08/844,419
FILING DATE: 18-APR-1997
APPLICATION NUMBER: US 08/846,017
FILING DATE: 25-APR-1997
APPLICATION NUMBER: US 08/851,843
FILING DATE: 06-MAY-1997
APPLICATION NUMBER: US 08/854,050
FILING DATE: 09-MAY-1997
APPLICATION NUMBER: US 08/911,312
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/912,951
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: US 08/915,503
FILING DATE: 14-AUG-1997
APPLICATION NUMBER: WO PCT/US97/17885
FILING DATE: 01-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Auehhus, Scott L.
REGISTRATION NUMBER: 42,271
REFERENCE/DOCKET NUMBER: 015389-002620US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 576-0200
TELEFAX: (415) 576-0300
INFORMATION FOR SEQ ID NO: 435:
SEQUENCE CHARACTERISTICS:
LENGTH: 25 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
FEATURE:
NAME/KEY: -
LOCATION: 1..25
OTHER INFORMATION: /note="TCP1.62 primer"
US-10-325-810-435
SEQUENCE DESCRIPTION: SEQ ID NO: 435:

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4044 CCACGAGGCGCTCTAGCGAGGAC 4066
DB 1 CCACGAGCTCTTACGCGAGGAC 23

RESULT 300
US-10-717-597-4371
Sequence 4371, Application US/10717597
Publication No. US20040110221A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Burcaymeki, Michael E.
APPLICANT: Twine, Natalie C.
APPLICANT: Dornier, Andrew J.
APPLICANT: Trepicchio, William L.
APPLICANT: Slonim, Donna K.
APPLICANT: Stover, Jennifer A.
TITLE OF INVENTION: METHODS FOR DIAGNOSING RCC AND OTHER SOLID TUMORS
FILE REFERENCE: AM101080L
CURRENT APPLICATION NUMBER: US/10/717,597
CURRENT FILING DATE: 2003-11-21
PRIOR APPLICATION NUMBER: US 60/459,782
PRIOR FILING DATE: 2003-04-03
PRIOR APPLICATION NUMBER: US 60/427,982
PRIOR FILING DATE: 2002-11-21
NUMBER OF SEQ ID NOS: 4904
SOFTWARE: Patent version 3.2
SEQ ID NO 4371
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-10-717-597-4371

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 813 GTGCCGCTGGAGAGAGAGAC 835
DB 1 GCCGCCCTGGAGAGAGAGAGAC 23

RESULT 301
US-10-723-361-13559

; Sequence 13559, Application US/10723361
; Publication No. US20040137589A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN

; FILE REFERENCE: PB0105

; CURRENT APPLICATION NUMBER: US/10/723,361

; PRIOR FILING DATE: 2003-11-26

; PRIOR APPLICATION NUMBER: US 09/866,108

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263,6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; SEQ ID NO 13559

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-723-361-13559

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAGAG 1610
DB 3 TGGAGAGAGAGAGAGAGAGAG 25

RESULT 302

US-10-723-361-13560

; Sequence 13560, Application US/10723361

; Publication No. US20040137589A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A

; FILE REFERENCE: PB0105

; CURRENT APPLICATION NUMBER: US/10/723,361

; PRIOR FILING DATE: 2003-11-26

; PRIOR APPLICATION NUMBER: US 09/866,108

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263,6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00664

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00669

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00665

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00668

; PRIOR FILING DATE: 2001-01-30

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 15755

; SOFTWARE: Aecomica Sequence Listing Engine

; SEQ ID NO 13560

; LENGTH: 25

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-723-361-13560

Query Match 0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1588 TGGTGAACAGAGAGAGAGAG 1610
DB 2 TGGAGAGAGAGAGAGAGAGAG 24

RESULT 303

US-10-723-361-13561

; Sequence 13561, Application US/10723361

; Publication No. US20040137589A1

; GENERAL INFORMATION:

; APPLICANT: GU, Yizhong

; APPLICANT: JI, Yonggang

; APPLICANT: PENN, Sharon G.

; APPLICANT: HANZEL, David K.

; APPLICANT: RANK, David R.

; APPLICANT: CHEN, Wensheng

; APPLICANT: SHANNON, Mark

; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A

; FILE REFERENCE: PB0105

; CURRENT APPLICATION NUMBER: US/10/723,361

; PRIOR FILING DATE: 2003-11-26

; PRIOR APPLICATION NUMBER: US 09/866,108

; PRIOR FILING DATE: 2001-05-25

; PRIOR APPLICATION NUMBER: US 60/207,456

; PRIOR FILING DATE: 2000-05-26

; PRIOR APPLICATION NUMBER: GB 24263,6

; PRIOR FILING DATE: 2000-10-04

; PRIOR APPLICATION NUMBER: US 60/236,359

; PRIOR FILING DATE: 2000-09-27

; PRIOR APPLICATION NUMBER: PCT/US01/00666

; PRIOR FILING DATE: 2001-01-30

; PRIOR APPLICATION NUMBER: PCT/US01/00667

; PRIOR FILING DATE: 2001-01-30

```
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ REMAINING PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecomica Sequence Listing Engine
/ SEQ ID NO 13561
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-13561

Query Match      0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1588 TGGTGAACAGCAGAGAGAGAG 1610
DB      1 TGAAGAGAGCCAGAGAGAGAG 23

RESULT 304
US-10-775-169-1988/C
/ Sequence 1988, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ APPLICANT: Trepicchio, William
/ TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 1988
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
US-10-775-169-1988

Query Match      0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1345 TCAAGGCTTGCTGCACAGAGGT 1367
DB      25 TCAAGGCTTGCTGCACAGAGGT 3

RESULT 305
US-10-775-169-1989/C
/ Sequence 1989, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ APPLICANT: Trepicchio, William
/ TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: PatentIn version 3.2
```

```
/ SEQ ID NO 1989
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
US-10-775-169-1989

Query Match      0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1345 TCAAGGCTTGCTGCACAGAGGT 1367
DB      24 TCAAGGCTTGCTGCACAGAGGT 2

RESULT 306
US-10-775-169-4475/C
/ Sequence 4475, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ APPLICANT: Trepicchio, William
/ TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 4475
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
US-10-775-169-4475

Query Match      0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1591 TGGAAACAGAGAGAGAGATC 1613
DB      25 TGGAAATPAGAGAGAGAGAAAC 3

RESULT 307
US-10-775-169-4476/C
/ Sequence 4476, Application US/10775169
/ Publication No. US20040175743A1
/ GENERAL INFORMATION:
/ APPLICANT: Wyeth
/ APPLICANT: Burczynski, Michael
/ APPLICANT: Twine, Natalie
/ APPLICANT: Dornier, Andrew
/ APPLICANT: Trepicchio, William
/ TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
/ FILE REFERENCE: AM101080 (031896-013000)
/ CURRENT APPLICATION NUMBER: US/10/775,169
/ CURRENT FILING DATE: 2004-02-11
/ NUMBER OF SEQ ID NOS: 5278
/ SOFTWARE: PatentIn version 3.2
/ SEQ ID NO 4476
/ LENGTH: 25
/ TYPE: DNA
/ ORGANISM: probe
US-10-775-169-4476

Query Match      0.3%; Score 16.6; DB 1; Length 25;
Best Local Similarity 82.6%; Pred. No. 5.3e+02;
Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1591 TGGAAACAGAGAGAGAGATC 1613
```


Db 24 TGAATAAGAGAGAGAAAAAC 2

RESULT 308

US-09-263-959-515/c
Sequence 515, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 515:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-515

Query Match 0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCCTCTCTTCTCTCT 287
Db 18 CTCCTCTCTCTCTCTCT 1

RESULT 309

US-09-263-959-535/c
Sequence 535, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 535:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-535

Query Match 0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4416 AATATATATTTATATAT 4433
Db 18 AATATATATTTATATAT 1

RESULT 310
US-09-263-959-565/c
Sequence 565, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 565:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-565

Query Match 0.3%; Score 16.4; DB 1; Length 18;

Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4416 AATATATATATATAT 4433
|||||

Db 18 AATATATATATATAT 1

RESULT 311

US-09-263-959-873/c

Sequence 873, Application US/09263959

Patent No. US20020150891A1

GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.

APPLICANT: Rowen, Lee

APPLICANT: Kood, Ben P.

TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI

NUMBER OF SEQUENCES: 1279

CORRESPONDENCE ADDRESS:

ADDRESSEE: Seed and Berry LLP

STREET: 6300 Columbia Center, 701 Fifth Avenue

City: Seattle

STATE: Washington

COUNTRY: US

ZIP: 98104-7092

COMPUTER READABLE FORM:

MEDIUM TYPE: FLOPPY disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.25

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959

FILING DATE: 05-MAR-1999

CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:

NAME: McMaister, David D.

REGISTRATION NUMBER: 33,963

REFERENCE/DOCKET NUMBER: 920010.426C2

TELECOMMUNICATION INFORMATION:

TELEPHONE: (206) 622-4900

TELEFAX: (206) 682-6031

INFORMATION FOR SEQ ID NO: 873:

SEQUENCE CHARACTERISTICS:

LENGTH: 18 base pairs

TYPE: nucleic acid

STRANDEDNESS: single

TOPOLOGY: linear

US-09-263-959-873

Query Match

Best Local Similarity 94.4%; Score 16.4; DB 1; Length 18;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTC 288
|||||

Db 18 TCTCTCTCTCTCTCTC 1

RESULT 312

US-09-232-785-396

Sequence 396, Application US/09232785

Publication No. US20030049612A1

GENERAL INFORMATION:

APPLICANT: International Paper Co.

APPLICANT: Echt, Craig S

APPLICANT: Nelson, C. Dana

TITLE OF INVENTION: MICROSTATELITE DNA MARKERS AND USBS

FILE REFERENCE: 4481/1E18US1

CURRENT APPLICATION NUMBER: US/09/232,785

CURRENT FILING DATE: 1999-01-19

PRIOR APPLICATION NUMBER: 09/232,884

PRIOR FILING DATE: 1999-01-15

NUMBER OF SEQ ID NOS: 397

SOFTWARE: FastSeq for Windows Version 3.0

SEQ ID NO 396

LENGTH: 18

TYPE: DNA

ORGANISM: Pinus taeda L.

US-09-232-785-396

Query Match

Best Local Similarity 94.4%; Score 16.4; DB 1; Length 18;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4416 AATATATATATATAT 4433
|||||

Db 1 AATATATATATATAT 18

RESULT 313

US-10-011-204-3/c

Sequence 3, Application US/10011204

Publication No. US20020182617A1

GENERAL INFORMATION:

APPLICANT: EKINS, Roger P

TITLE OF INVENTION: Binding assay using binding agents with tail groups

FILE REFERENCE: 0380-P01180US0

CURRENT APPLICATION NUMBER: US/10/011,204

CURRENT FILING DATE: 2001-11-08

PRIOR APPLICATION NUMBER: US/08/700,530

PRIOR FILING DATE: 1996-10-23

PRIOR APPLICATION NUMBER: PCT/GB95/00521

PRIOR FILING DATE: 1995-03-10

PRIOR APPLICATION NUMBER: GB 9404709.9

PRIOR FILING DATE: 1994-03-11

NUMBER OF SEQ ID NOS: 4

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 3

LENGTH: 18

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence:

US-10-011-204-3

Query Match

Best Local Similarity 94.4%; Score 16.4; DB 1; Length 18;

Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTC 288
|||||

Db 18 TCTCTCTCTCTCTCTC 1

RESULT 314

US-10-011-204-4

Sequence 4, Application US/10011204

Publication No. US20020182617A1

GENERAL INFORMATION:

APPLICANT: EKINS, Roger P

TITLE OF INVENTION: Binding assay using binding agents with tail groups

FILE REFERENCE: 0380-P01180US0

CURRENT APPLICATION NUMBER: US/10/011,204

CURRENT FILING DATE: 2001-11-08

PRIOR APPLICATION NUMBER: US/08/700,530

PRIOR FILING DATE: 1996-10-23

PRIOR APPLICATION NUMBER: PCT/GB95/00521

PRIOR FILING DATE: 1995-03-10

PRIOR APPLICATION NUMBER: GB 9404709.9

PRIOR FILING DATE: 1994-03-11

NUMBER OF SEQ ID NOS: 4

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 4

LENGTH: 18

```
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:
US-10-011-204-4
```

```
Query Match      0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      270 CTCTCTCTCTCTCTCTCT 287
Db      1 CTCTCTCTCTCTCTCTCT 18
```

```
RESULT 315
US-10-077-383-31/c
Sequence 31, Application US/10077383
Publication No. US20030050444A1
GENERAL INFORMATION:
APPLICANT: Haydock, Paul V.
APPLICANT: U'Ren, Jack
TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
FILE REFERENCE: 018048-001710US
CURRENT APPLICATION NUMBER: US/10/077,383
CURRENT FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US 60/296,812
PRIOR FILING DATE: 2001-06-07
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 31
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: (XY)-n spacer
US-10-077-383-31
```

```
Query Match      0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      270 CTCTCTCTCTCTCTCTCT 287
Db      18 CTCTCTCTCTCTCTCTCT 1
```

```
RESULT 316
US-10-077-383-32
Sequence 32, Application US/10077383
Publication No. US20030050444A1
GENERAL INFORMATION:
APPLICANT: Haydock, Paul V.
APPLICANT: U'Ren, Jack
TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
FILE REFERENCE: 018048-001710US
CURRENT APPLICATION NUMBER: US/10/077,383
CURRENT FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US 60/296,812
PRIOR FILING DATE: 2001-06-07
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 32
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
```

```
OTHER INFORMATION: Description of Artificial Sequence: (XY)-n spacer
OTHER INFORMATION: sequence complement, where X = a, Y = g and n = 9
US-10-077-383-32
```

```
Query Match      0.3%; Score 16.4; DB 1; Length 18;
Best Local Similarity 94.4%; Pred. No. 3.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      270 CTCTCTCTCTCTCTCTCT 287
Db      1 CTCTCTCTCTCTCTCTCT 18
```

```
RESULT 317
US-10-027-632-178630/c
Sequence 178630, Application US/10027632
Publication No. US20020198371A1
GENERAL INFORMATION:
APPLICANT: Mang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
PRIOR FILING DATE: 2000-02-24
PRIOR APPLICATION NUMBER: US 60/167,363
PRIOR FILING DATE: 1999-11-23
PRIOR APPLICATION NUMBER: US 60/156,358
PRIOR FILING DATE: 1999-09-28
PRIOR APPLICATION NUMBER: US 60/146,002
PRIOR FILING DATE: 1999-08-09
NUMBER OF SEQ ID NOS: 325720
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 178630
LENGTH: 19
TYPE: DNA
ORGANISM: Human
US-10-027-632-178630
```

```
Query Match      0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      271 TCTCTCTCTCTCTCTCTC 288
Db      18 TCTCTCTCTCTCTCTCTC 1
```

```
RESULT 318
US-10-027-632-178630/c
Sequence 178630, Application US/10027632
Publication No. US20030204075A9
GENERAL INFORMATION:
APPLICANT: Mang, David G.
TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
FILE REFERENCE: 108827.129
CURRENT APPLICATION NUMBER: US/10/027,632
CURRENT FILING DATE: 2002-04-30
PRIOR APPLICATION NUMBER: US 60/218,006
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/198,676
PRIOR FILING DATE: 2000-04-20
PRIOR APPLICATION NUMBER: US 60/193,483
PRIOR FILING DATE: 2000-03-29
PRIOR APPLICATION NUMBER: US 60/185,218
```

```
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178630
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178630
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      271 TCTCTCTCTTCTCTCTC 288
Db      18 TCTCTCTCTCTCTCTC 1
```

```
RESULT 319
US-10-027-632-178653/c
; Sequence 178653, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178653
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178653
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      271 TCTCTCTCTTCTCTCTC 288
Db      18 TCTCTCTCTCTCTCTC 1
```

```
RESULT 320
US-10-027-632-178653/c
; Sequence 178653, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
```

```
; TITLE OF INVENTION: Polymorphisms in the Human Genome
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 178653
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-178653
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 19;
Best Local Similarity 94.4%; Pred. No. 3.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      271 TCTCTCTCTTCTCTCTC 288
Db      18 TCTCTCTCTCTCTCTC 1
```

```
RESULT 321
US-10-349-143-10860/c
; Sequence 10860, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumentfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10860
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-21502 for SEQ 2995, in complem
US-10-349-143-10860
```

```
Query Match          0.3%; Score 16.4; DB 1; Length 20;
Best Local Similarity 94.4%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1786 TTCTCTCCAGGGGCGAG 1803
Db      19 TTCTCTCCAGGGGCGAG 2
```

RESULT 322
US-09-969-373-3091
Sequence 3091, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effeertz, Roger J.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIORITY APPLICATION NUMBER: US 09/754,853
PRIORITY FILING DATE: 2001-01-05
PRIORITY APPLICATION NUMBER: US 09/760,427
PRIORITY FILING DATE: 2001-01-13
PRIORITY APPLICATION NUMBER: US 09/855,768
PRIORITY FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 3091
LENGTH: 21
TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-3091

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 94.4%; Pred. No. 4.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 268 CCCTCTCTCTCTCTCTCT 285
Db 4 CCTCTCTCTCTCTCTCT 21

RESULT 323
US-09-849-928-120
Sequence 120, Application US/09849928
Publication No. US20030059769A1
GENERAL INFORMATION:
APPLICANT: PARMA, et al.
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TO LECTINS
NUMBER OF SEQUENCES: 390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/849,928
FILING DATE: 04-May-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/952,793
FILING DATE: <Unknown>
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/477,829
FILING DATE: 07-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson

REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
FEATURE:
OTHER INFORMATION: All U's are 2'-NH2 uracil
SEQUENCE DESCRIPTION: SEQ ID NO: 120:
US-09-849-928-120

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 4.4e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

Oy 361 AACGAGAGTCACTCACTTA 380
Db 1 AACGAGAGGAGGACARUA 20

RESULT 324
US-10-066-960-120
Sequence 120, Application US/10066960
Publication No. US20030049644A1
GENERAL INFORMATION:
APPLICANT: PARMA, et al.
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TO LECTINS
NUMBER OF SEQUENCES: 390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratschun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/066,960
FILING DATE: 04-Feb-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/952,793
FILING DATE: 1999-DEC-03
APPLICATION NUMBER: PCT/US96/09455
FILING DATE: 05-JUNE-1995
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/477,829
FILING DATE: 07-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433

INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
SEQUENCE DESCRIPTION: SEQ ID NO: 120:
US-10-066-960-120

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 4.4e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 361 AACAGAACTCAGTCACTTA 380
DB 1 AACAGAACTCAGTCACTTA 20

RESULT 325
US-10-409-627-120
Sequence 120, Application US/10409627
Publication No. US20040043923A1
GENERAL INFORMATION:
APPLICANT: PARMA, et al.
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TO LECTINS
NUMBER OF SEQUENCES: 390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratechun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/409,627
FILING DATE: 07-Apr-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/952,793
FILING DATE: 20-NOVEMBER-1997
APPLICATION NUMBER: PCT/US96/09455
FILING DATE: 05-JUNE-1995
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/477,829
FILING DATE: 07-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine
SEQUENCE DESCRIPTION: SEQ ID NO: 120:
US-10-409-627-120

Query Match 0.3%; Score 16.4; DB 1; Length 21;
Best Local Similarity 65.0%; Pred. No. 4.4e+02;
Matches 13; Conservative 5; Mismatches 2; Indels 0; Gaps 0;

QY 361 AACAGAACTCAGTCACTTA 380
DB 1 AACAGAACTCAGTCACTTA 20

RESULT 326
US-10-705-300-120
Sequence 120, Application US/10705300
Publication No. US20040072234A1
GENERAL INFORMATION:
APPLICANT: PARMA, et al.
TITLE OF INVENTION: HIGH AFFINITY NUCLEIC ACID LIGANDS
TO LECTINS
NUMBER OF SEQUENCES: 390
CORRESPONDENCE ADDRESS:
ADDRESSEE: Swanson & Bratechun, L.L.C.
STREET: 8400 E. Prentice Avenue, Suite 200
CITY: Englewood
STATE: Colorado
COUNTRY: USA
ZIP: 80111
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB
COMPUTER: IBM pc compatible
OPERATING SYSTEM: MS-DOS
SOFTWARE: WordPerfect 6.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/705,300
FILING DATE: 10-NOV-2003
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/952,793
FILING DATE: 20-NOV-1997
APPLICATION NUMBER: PCT/US96/09455
FILING DATE: 05-JUNE-1995
APPLICATION NUMBER: 08/479,724
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,256
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/472,255
FILING DATE: 07-JUNE-1995
APPLICATION NUMBER: 08/477,829
FILING DATE: 07-JUNE-1995
ATTORNEY/AGENT INFORMATION:
NAME: Barry J. Swanson
REGISTRATION NUMBER: 33,215
REFERENCE/DOCKET NUMBER: NEX40C/PCT
TELECOMMUNICATION INFORMATION:
TELEPHONE: (303) 793-3333
TELEFAX: (303) 793-3433
INFORMATION FOR SEQ ID NO: 120:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: RNA
FEATURE:
OTHER INFORMATION: All C's are 2'-NH2 cytosine

Query Match	0.3%	Score 16.4	DB 1	length 22
Best Local Similarity	94.4%	Pred. NO. 4.7e+02		
Matches 17	Conservative	0	Mismatches 1	Indels 0
Gaps				0

Db 18 TCTTCACCATGTGTGACC 1

RESULT 330
US-09-410-194-25
Sequence 25, Application US/09410194
Patent No. US20020095030A1
GENERAL INFORMATION:
APPLICANT: Techop, Jung
APPLICANT: Thome, Margot
APPLICANT: Burns, Kimberly
APPLICANT: Imtler, Maeren
APPLICANT: Hanne, Michael
APPLICANT: Schroter, Michael
APPLICANT: Schneider, Pascal
APPLICANT: Bodmer, Jean- Luc
APPLICANT: Steiner, Veronique
APPLICANT: Rimoldi, Donata
APPLICANT: Hofmann, Kay
APPLICANT: French, E. Lars
TITLE OF INVENTION: FLIP GENES AND FLIP PROTEINS
FILE REFERENCE: 11141-002001
CURRENT APPLICATION NUMBER: US/09/410,194
CURRENT FILING DATE: 1999-09-30
PRIOR APPLICATION NUMBER: PCT/EP98/01857
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: GERMANY 197 13 393.2
PRIOR FILING DATE: 1997-04-01
NUMBER OF SEQ ID NOS: 27
SOFTWARE: FaestSeq for Windows Version 4.0
SEQ ID NO 25
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: oligonucleotide for PCR
US-09-410-194-25

Query Match 0.3%; Score 16.4; DB 1; Length 24;
Best Local Similarity 94.4%; Pred. No. 5.4e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3064 AGCTGCAGACCTCTGAG 3081
|||||
3 AGCTGCAGACCTCTGAG 20

Db 3 AGCTGCAGACCTCTGAG 20

RESULT 331
US-09-866-108-4283
Sequence 4283, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: Ji, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
CURRENT FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 4283
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-4283

Query Match 0.3%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 772 AGAGGAAACATGGGC 789
|||||
1 AGAGGAAACATGGGC 18

Db 1 AGAGGAAACATGGGC 18

RESULT 332
US-10-215-112-8004
Sequence 8004, Application US/10215112
Publication No. US20030082596A1
GENERAL INFORMATION:
APPLICANT: Michael Miltman
TITLE OF INVENTION: Method of Genetic Analysis of Probes:
FILE REFERENCE: Test3
CURRENT APPLICATION NUMBER: US/10/215,112
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 14936
SOFTWARE: FaestSeq for Windows Version 4.0
SEQ ID NO 8004
LENGTH: 25
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-215-112-8004

Query Match 0.3%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1202 GGAGTCTGTGAGAGTT 1219
|||||
8 GGAGTCTGTGAGAGTT 25

Db 8 GGAGTCTGTGAGAGTT 25

RESULT 333
US-10-098-263B-38373
Sequence 38373, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miltman, Michael


```

; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 38373
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-38373
```

```
Query Match      0.3%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      106 CTCTGAGCTCTCCAG 123
Db      2 CTCCGAGCTCTCCAG 19
```

```

RESULT 334
US-10-098-263B-92570/c
; Sequence 92570, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 92570
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-92570
```

```
Query Match      0.3%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      1667 GCTCTGAGCAGATGAA 1684
Db      18 GCTCTGAGCAGATGAA 1
```

```

RESULT 335
US-10-098-263B-118575
; Sequence 118575, Application US/10098263B
; Publication No. US20030104410A1
; GENERAL INFORMATION:
; APPLICANT: Miltman, Michael
; TITLE OF INVENTION: Human Microarray
; FILE REFERENCE: 3118.1
; CURRENT APPLICATION NUMBER: US/10/098,263B
; CURRENT FILING DATE: 2003-01-08
; PRIOR APPLICATION NUMBER: 60/276,759
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 131066
; SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
; SEQ ID NO 118575
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-098-263B-118575
```

```
Query Match      0.3%; Score 16.4; DB 1; Length 25;
```

```

Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Qy      1924 TCACCACTGTGACTTTA 1941
Db      7 TCACCACTGTGACTTTA 24
```

```

RESULT 336
US-10-723-361-4283
; Sequence 4283, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 4283
; LENGTH: 25
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-4283
```

```
Query Match      0.3%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      772 AGAAGAAACATGGGCG 789
Db      1 AGAAGAAACATGGGCG 18
```

```

RESULT 337
US-10-775-169-2515
; Sequence 2515, Application US/10775169
; Publication No. US20040175743A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Burczynski, Michael
; APPLICANT: Twine, Natalie
; APPLICANT: Dörner, Andrew
; APPLICANT: Trepicchio, William
; TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
```

FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: Patentin version 3.2
SEQ ID NO 2515
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-2515

Query Match 0.3%; Score 16.4; DB 1; Length 25;
Best Local Similarity 94.4%; Pred. No. 5.7e+02;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3050 CCAGGGGAGATCAAGCT 3067
DB 8 CCAGGTGAGATCAAGCT 25

RESULT 338
US-09-828-034-10
Sequence 10, Application US/09828034
Patent No. US20020064771A1
GENERAL INFORMATION:
APPLICANT: Zhong, Weidong
APPLICANT: Hong, Zhi
APPLICANT: Petrari, Eric
TITLE OF INVENTION: HCV REPLICASE COMPLEXES
FILE REFERENCE: IN01165
CURRENT APPLICATION NUMBER: US/09/828,034
CURRENT FILING DATE: 2001-04-06
PRIOR APPLICATION NUMBER: U.S. 60/195,852
PRIOR FILING DATE: 2000-04-06
NUMBER OF SEQ ID NOS: 33
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 10
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic RNA
US-09-828-034-10

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3920 GACGCCGCGCGCCGCTGCC 3940
DB 1 GCCGCCGCGCGCCGCGCGCC 21

RESULT 339
US-09-012-135A-30/C
Sequence 30, Application US/09012135A
Patent No. US20020081578A1
GENERAL INFORMATION:
APPLICANT: Ploeman, Gregory
APPLICANT: Mossie, Kevin
TITLE OF INVENTION: DIAGNOSIS AND TREATMENT OF AUR-1
TITLE OF INVENTION: AND/OR AUR-2 RELATED DISORDERS
NUMBER OF SEQUENCES: 39
CORRESPONDENCE ADDRESS:
ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb

MEDIUM TYPE: storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: FastSeq for Windows 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/012,135A
FILING DATE: January 22, 1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/005,268
FILING DATE: January 9, 1998
APPLICATION NUMBER: 08/755,728
FILING DATE: No. US20020081578A1ember 25, 1996
APPLICATION NUMBER: 60/023,943
FILING DATE: August 14, 1996
APPLICATION NUMBER: 60/008,809
FILING DATE: December 18, 1995
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 231/282
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-012-135A-30

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1139 GAACTGACCACTGCTCTG 1159
DB 21 GAAAGTGACCACTGCTCCTG 1

RESULT 340
US-10-214-796-7
Sequence 7, Application US/10214796
Publication No. US20030124680A1
GENERAL INFORMATION:
APPLICANT: Kosan Biosciences, Inc.
APPLICANT: Reeves, Christopher
APPLICANT: McDaniel, Robert
TITLE OF INVENTION: ALTERATION OF ACYLTRANSFERASE DOMAIN
TITLE OF INVENTION: SUBSTRATE SPECIFICITY
FILE REFERENCE: 30062-20072.00
CURRENT APPLICATION NUMBER: US/10/214,796
CURRENT FILING DATE: 2002-08-07
PRIOR APPLICATION NUMBER: US 60/310,730
PRIOR FILING DATE: 2001-08-07
NUMBER OF SEQ ID NOS: 48
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Region 2 - in DBS module 4 AT, specific for
OTHER INFORMATION: methylmalonyl CoA
US-10-214-796-7

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3042 GGCACCTTCAGGGGAGATC 3062

Db 1 GGCCATCTGCAGGCGGAGATC 21

RESULT 341

US-10-192-381-50/c
Sequence 50, Application US/10192381
Publication No. US20030170807A1

GENERAL INFORMATION:

APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
APPLICANT: WORLEY, Paul
APPLICANT: TU, Jian
APPLICANT: XIAO, Bo
APPLICANT: LEAHY, Daniel
APPLICANT: BENKEN, Jutta
APPLICANT: LANAHAN, Anthony
TITLE OF INVENTION: NUCLEIC ACID MOLECULE ENCODING HOMER 1b PROTEIN (AS FILED)
FILE REFERENCE: JHU1580-4
CURRENT APPLICATION NUMBER: US/10/192,381
PRIOR FILING DATE: 2002-07-09
PRIOR APPLICATION NUMBER: US/09/377,285
PRIOR FILING DATE: 1999-08-18
PRIOR APPLICATION NUMBER: US 60/138,426
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/138,493
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/138,494
PRIOR FILING DATE: 1999-06-10
PRIOR APPLICATION NUMBER: US 60/097,334
PRIOR FILING DATE: 1998-08-18
NUMBER OF SEQ ID NOS: 72
SOFTWARE: PatentIn version 3.0
SEQ ID NO 50
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: oligonucleotide for PCR
US-10-192-381-50

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3053 GGGGAGATCAAGCTGCAGAC 3073

Db 21 GTGGAGATGAGCTGCAGAC 1

RESULT 342

US-10-349-143-4331/c
Sequence 4331, Application US/10349143
Publication No. US20040005584A1

GENERAL INFORMATION:

APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
PRIOR FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: US 09/398,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 4331
LENGTH: 21

TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: upstream amplification primer 99-14651 for SEQ 397,
US-10-349-143-4331

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2806 GAGAAATGAAGAAGACTG 2826

Db 21 GAGATATGAGAGACTG 1

RESULT 343

US-10-605-498-7
Sequence 7, Application US/10605498
Publication No. US20040127441A1

GENERAL INFORMATION:

APPLICANT: Gleave, Martin
APPLICANT: Rocchi, Palma
APPLICANT: Signaevsky, Maxim
TITLE OF INVENTION: Compositions and Methods for Treatment of Prostate and Other
FILE REFERENCE: USC.P-031
CURRENT APPLICATION NUMBER: US/10/605,498
CURRENT FILING DATE: 2003-10-02
PRIOR APPLICATION NUMBER: US 60/415,859
PRIOR FILING DATE: 2002-10-02
PRIOR APPLICATION NUMBER: US 60/463,952
PRIOR FILING DATE: 2003-04-18
NUMBER OF SEQ ID NOS: 91
SOFTWARE: PatentIn version 3.2
SEQ ID NO 7
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-605-498-7

Query Match 0.3%; Score 16.2; DB 1; Length 21;
Best Local Similarity 85.7%; Pred. No. 4.7e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3354 AAGACTCCCGCTGGGCCC 3374

Db 1 AAGGGTCCCGAGCTGGGCCC 21

RESULT 344

US-10-786-720-12866
Sequence 12866, Application US/10786720
Publication No. US2004019181A1

GENERAL INFORMATION:

APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 12866
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-12866

Query Match 0.3%; Score 16.2; DB 1; Length 21;


```
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/393,602
; FILING DATE: 19-Mar-2003
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/592,126
; FILING DATE: 26-JAN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Sholtz, Charles K.
; REGISTRATION NUMBER: 38,615
; REFERENCE/DOCKET NUMBER: 4600-0111
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (415) 324-0880
; TELEFAX: (415) 324-0960
; INFORMATION FOR SEQ ID NO: 24:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; HYPOTHEICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; INDIVIDUAL ISOLATE: Primer EGR11-6
; SEQUENCE DESCRIPTION: SEQ ID NO: 24:
US-10-393-602-24
```

```
Query Match 0.3%; Score 16.2; DB 1; Length 22;
Best Local Similarity 85.7%; Pred. No. 5.1e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 263 CCCCCCTCTCTCTCTTCT 283
DB 1 CCACCTCTCTCTCTCTCTCT 21
```

```
RESULT 349
US-10-196-199-26/c
; Sequence 26, Application US/10196199
; Publication No. US20030149535A1
; GENERAL INFORMATION:
; APPLICANT: SUDO, Yukio
; TITLE OF INVENTION: Method for Quantifying Nucleic Acid by Cell Counting
; FILE REFERENCE: 2870-0200P
; CURRENT APPLICATION NUMBER: US/10/196,199
; CURRENT FILING DATE: 2002-10-08
; PRIOR APPLICATION NUMBER: JP 2001-216568
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer EF2L directed to a mixture of human liver and small
; OTHER INFORMATION: intestine derived cell lines
US-10-196-199-26
```

```
Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 1300 AGCTCAGCACTGACAAGCC 1320
DB 23 AACTGCTCAACTGACAAGCC 3
```

```
RESULT 350
US-10-364-649-50/c
; Sequence 50, Application US/10364649
```

```
; Publication No. US2003022921A1
; GENERAL INFORMATION:
; APPLICANT: Richard A. Jefferson and Jorge E. Mayer
; TITLE OF INVENTION: MICROBIAL B-GLUCURONIDASE GENES, GENE
; FILE REFERENCE: 190106.405C1
; CURRENT APPLICATION NUMBER: US/10/364,649
; CURRENT FILING DATE: 2003-02-12
; PRIOR APPLICATION NUMBER: 10/364,649
; PRIOR FILING DATE: 2003-02-12
; PRIOR APPLICATION NUMBER: US 09/270,957
; PRIOR FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 112
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-364-649-50
```

```
Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 5146 CTTTTCACATGACAGATT 5166
DB 21 CTTTTCACACTATGACAGATT 1
```

```
RESULT 351
US-10-299-486-6
; Sequence 6, Application US/10299486
; Publication No. US20040096987A1
; GENERAL INFORMATION:
; APPLICANT: GEACINTOV, CYRIL E.
; APPLICANT: JANETZKO, ALFRED
; APPLICANT: STREMMEL, WOLFGANG
; APPLICANT: KULAKSIZ, HASAN
; TITLE OF INVENTION: DIAGNOSTIC METHOD FOR DISEASES BY SCREENING FOR HEPICIDIN
; TITLE OF INVENTION: IN HUMAN OR ANIMAL TISSUES, BLOOD OR BODY FLUIDS AND
; TITLE OF INVENTION: THERAPEUTIC USES THEREFOR
; FILE REFERENCE: DRG 3.8-001
; CURRENT APPLICATION NUMBER: US/10/299,486
; CURRENT FILING DATE: 2003-02-11
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-299-486-6
```

```
Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
OY 2811 AATGAGAGAGAGTGCAGGG 2831
DB 3 AATTAATGAGAGAGGAGGGG 23
```

```
RESULT 352
US-10-327-598-827
; Sequence 827, Application US/10327598
; Publication No. US20040181039A1
; GENERAL INFORMATION:
; APPLICANT: Krah, Eugene
; APPLICANT: Guo, Hongliang
; APPLICANT: Aliyappa, Ashok
```

APPLICANT: Lawton, Robert
TITLE OF INVENTION: Canine Immunoglobulin Variable Domains, Caninized Antibodies, and
FILE REFERENCE: 01-799-A
CURRENT FILING DATE: 2002-12-20
PRIOR FILING DATE: 2001-12-21
NUMBER OF SEQ ID NOS: 1139
SOFTWARE: PatentIn version 3.0
SEQ ID NO 827
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: :
US-10-327-598-827

Query Match 0.3%; Score 16.2; DB 1; Length 23;
Best Local Similarity 85.7%; Pred. No. 5.5e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4142 TCTCCGGGACCTCTCTG 4162
DB 2 TCTCGCTGACCACTGCTG 22

RESULT 353

US-09-883-152-67
Sequence 67, Application US/09883152
Publication No. US20030008284A1
GENERAL INFORMATION:
APPLICANT: Kennedy, Giulia
APPLICANT: Reinhard, Christoph
APPLICANT: Jefferson, Anne Bennett
TITLE OF INVENTION: POLYNUCLEOTIDES RELATED TO COLON CANCER
FILE REFERENCE: 2300-1663
CURRENT APPLICATION NUMBER: US/09/883,152
CURRENT FILING DATE: 2001-06-15
PRIOR FILING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 127
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 67
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Reverse control oligonucleotide
US-09-883-152-67

Query Match 0.3%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 5.8e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2366 GCTGCTACAGAGAGAGGA 2386
DB 3 GCCGCTACAGAGTGGAGGA 23

RESULT 354
US-09-439-429-15
Sequence 15, Application US/09439429
Publication No. US20030083275A1
GENERAL INFORMATION:
APPLICANT: Power, Christopher
APPLICANT: Mayne, Michael B.
TITLE OF INVENTION: ANTISENSE OLIGODEOXYNUCLEOTIDES REGULATING EXPRESSION
FILE REFERENCE: 3045.00002
CURRENT APPLICATION NUMBER: US/09/439,429
CURRENT FILING DATE: 1999-11-15

PRIOR APPLICATION NUMBER: 60/062,718
PRIOR FILING DATE: 1997-10-22
PRIOR APPLICATION NUMBER: 09/176,862
PRIOR FILING DATE: 1998-10-22
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 15
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:synthetic
US-09-439-429-15

Query Match 0.3%; Score 16.2; DB 1; Length 24;
Best Local Similarity 85.7%; Pred. No. 5.8e+02;
Matches 18; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1601 GAAGGAGAGATCTGCGAA 1621
DB 2 GAAGGAGAGAGCTGAGGA 22

RESULT 355
US-09-263-959-581/c
Sequence 581, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: KOOP, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSER: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 581:
SEQUENCE CHARACTERISTICS:
LENGTH: 16 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-581

Query Match 0.3%; Score 16; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.3e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 274 CTCTCTTCTCTCTCT 289
DB 16 CTCTCTTCTCTCTCT 1

RESULT 356
US-09-918-186A-38/C
; Sequence 38, Application US/09918186A
; Patent No. US20020137708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 38
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-38

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTT 296
DB 17 TCTCTCTCTCTCTT 2

RESULT 357
US-09-918-186A-78/C
; Sequence 78, Application US/09918186A
; Patent No. US20020137708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 78
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-78

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTT 296
DB 17 TCTCTCTCTCTCTT 2

RESULT 358
US-09-918-186A-129/C
; Sequence 129, Application US/09918186A
; Patent No. US20020137708A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0585
; CURRENT APPLICATION NUMBER: US/09/918,186A
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 250
; SEQ ID NO 129
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-918-186A-129

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTT 296
DB 18 TCTCTCTCTCTCTT 3

RESULT 359
US-10-181-316-38/C
; Sequence 38, Application US/10181316
; Patent No. US20030211607A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Elizabeth J. Ackermann
; APPLICANT: Eric E. Swayze
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
; FILE REFERENCE: ISPH-0650
; CURRENT APPLICATION NUMBER: US/10/181,316
; PRIOR FILING DATE: 2002-07-16
; PRIOR APPLICATION NUMBER: PCT/US01/02939
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 09/496,694
; PRIOR FILING DATE: 2000-02-02
; PRIOR APPLICATION NUMBER: 09/286,407
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 09/163,162
; PRIOR FILING DATE: 1998-09-29
; NUMBER OF SEQ ID NOS: 249
; SEQ ID NO 38
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-38

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTT 296

Db 17 TCTCTCTCTCTCTT 2

RESULT 360
US-10-181-316-78/c
Sequence 78, Application US/10181316
Publication No. US20030211607A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0650
CURRENT APPLICATION NUMBER: US/10/181,316
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: PCT/US01/02939
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 78
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-78

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTT 296
Db 17 TCTCTCTCTCTCTT 2

RESULT 361
US-10-181-316-129/c
Sequence 129, Application US/10181316
Publication No. US20030211607A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Elizabeth J. Ackermann
APPLICANT: Eric E. Swayze
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF SURVIVIN EXPRESSION
FILE REFERENCE: ISPH-0650
CURRENT APPLICATION NUMBER: US/10/181,316
CURRENT FILING DATE: 2002-07-16
PRIOR APPLICATION NUMBER: PCT/US01/02939
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: 09/496,694
PRIOR FILING DATE: 2000-02-02
PRIOR APPLICATION NUMBER: 09/286,407
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 09/163,162
PRIOR FILING DATE: 1998-09-29
NUMBER OF SEQ ID NOS: 249
SEQ ID NO 129
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-316-129

Query Match 0.3%; Score 16; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 4e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTT 296
Db 18 TCTCTCTCTCTCTT 3

RESULT 362
US-09-949-427-203/c
Sequence 203, Application US/09949427
Publication No. US20030054418A1
GENERAL INFORMATION:
APPLICANT: Bodnar, Jackie S.
APPLICANT: Castellani, Lawrence W.
APPLICANT: Chatterjee, Anubindo
APPLICANT: de Jong, Pieter
APPLICANT: Lusia, Aldons J.
APPLICANT: Ohmen, Jeff
APPLICANT: Ross, David
APPLICANT: Tafuri, Sherrie
APPLICANT: Wu, Chenyan
TITLE OF INVENTION: Gene and Sequence Variation Associated with Cancer
FILE REFERENCE: 02810.0014.NPUS02
CURRENT APPLICATION NUMBER: US/09/949,427
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1
SEQ ID NO 203
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-949-427-203

Query Match 0.3%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5190 GTGTGTGTGATGCAG 5205
Db 19 GTGTGTGTGATGCAG 4

RESULT 363
US-09-949-428-203/c
Sequence 203, Application US/09949428
Publication No. US20030064372A1
GENERAL INFORMATION:
APPLICANT: Bodnar, Jackie S.
APPLICANT: Castellani, Lawrence W.
APPLICANT: Chatterjee, Anubindo
APPLICANT: de Jong, Pieter
APPLICANT: Lusia, Aldons J.
APPLICANT: Ohmen, Jeff
APPLICANT: Ross, David
APPLICANT: Tafuri, Sherrie
APPLICANT: Wu, Chenyan
TITLE OF INVENTION: Gene and Sequence Variation Associated with Lipid Disorder
FILE REFERENCE: 02810.0014.NPUS01
CURRENT APPLICATION NUMBER: US/09/949,428
CURRENT FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: 60/231,322
PRIOR FILING DATE: 2000-09-08
NUMBER OF SEQ ID NOS: 405
SOFTWARE: PatentIn version 3.1
SEQ ID NO 203
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-09-949-428-203

Query Match 0.3%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 5190 GTGTGTGTAATGCAG 5205
DB 19 GTGTGTGTAATGCAG 4

RESULT 364
US-10-181-874-15
Sequence 15, Application US/10181874
Publication No. US20030212020A1
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Susan Murray
APPLICANT: Lex M. Cowser
TITLE OF INVENTION: ANTISENSE MODULATION OF MACROPHAGE MIGRATION INHIBITORY FACTOR
FILE REFERENCE: RSP-0351
CURRENT FILING DATE: 2002-07-22
PRIOR APPLICATION NUMBER: US/10/181,874
PRIOR FILING DATE: 2000-01-20
NUMBER OF SEQ ID NOS: 88
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-874-15

Query Match 0.3%; Score 16; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 4.7e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3922 CGCCGCGCGCGCGCT 3937
DB 5 CGCCGCGCGCGCGCT 20

RESULT 365
US-10-435-696-132
Sequence 132, Application US/10435696
Publication No. US20040018525A1
GENERAL INFORMATION:
APPLICANT: Wirtz, Ralph
APPLICANT: Munnes, Marj
APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
FILE REFERENCE: Lea 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: EP02010291.9
PRIOR FILING DATE: 2002-05-21
NUMBER OF SEQ ID NOS: 314
SOFTWARE: PatentIn version 3.1
SEQ ID NO 132
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-435-696-132

Query Match 0.3%; Score 16; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4113 CAGAGGAACGCGTGA 4128
DB 3 CAGAGGAACGCGTGA 18

RESULT 366
US-09-940-185-578
Sequence 578, Application US/09940185
Publication No. US20030096239A1
GENERAL INFORMATION:
APPLICANT: Gunderson, Kevin
APPLICANT: Chee, Mark
TITLE OF INVENTION: Probes and Decoder Oligonucleotides
FILE REFERENCE: A-69605-1
CURRENT APPLICATION NUMBER: US/09/940,185
CURRENT FILING DATE: 2001-08-27
PRIOR APPLICATION NUMBER: US 60/227,948
PRIOR FILING DATE: 2000-08-25
PRIOR APPLICATION NUMBER: US 60/228,854
PRIOR FILING DATE: 2000-08-29
NUMBER OF SEQ ID NOS: 4768
SOFTWARE: PatentIn version 3.1
SEQ ID NO 578
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-578

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.3e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1464 GACGTTGAGTCTGGGAAGTGAATC 1487
DB 1 GACGTTGAGTCTGGGAAGTGAATC 24

RESULT 367
US-10-411-954-284
Sequence 284, Application US/10411954
Publication No. US20030235848A1
GENERAL INFORMATION:
APPLICANT: Neville, Matt
APPLICANT: de Arruda Indig, Monika
TITLE OF INVENTION: Characterization of CYP2D6 Alleles
FILE REFERENCE: FORS-07897
CURRENT APPLICATION NUMBER: US/10/411,954
CURRENT FILING DATE: 2003-04-11
PRIOR APPLICATION NUMBER: 60/371,819
PRIOR FILING DATE: 2002-04-11
NUMBER OF SEQ ID NOS: 356
SOFTWARE: PatentIn version 3.2
SEQ ID NO 284
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-411-954-284

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.3e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 987 CTCGCGAGACATGTTCCAGCA 1010
DB 1 CTCGCGAGACATGTTCCAGCA 10

Db 1 CGCGCCGAGGCACTGCTCCAGCA 24

RESULT 368
US-10-087-684-128/C
; Sequence 128, Application US/10087684
; Publication No. US20040029116A1
; GENERAL INFORMATION:
; APPLICANT: Edinger, Shlomit R.
; APPLICANT: MacDougall, John R.
; APPLICANT: Miller, Isabelle
; APPLICANT: Elletman, Karen
; APPLICANT: Stone, David J.
; APPLICANT: Grose, William M.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Casman, Stacie, J.
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Li, Li
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Mishra, Vishnu
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Rastelli, Luca
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Vernet, Corine A.M.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Malyankar, Uriel M.
; APPLICANT: Guo, Xiaojia
; APPLICANT: Miller, Charles E.
; APPLICANT: Gangoli, Esha A.
; TITLE OF INVENTION: PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-214 CIP
; CURRENT APPLICATION NUMBER: US/10/087,684
; CURRENT FILING DATE: 2003-03-10
; PRIOR APPLICATION NUMBER: 60/253,834
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/250,926
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 60/264,180
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/274,194
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: 60/313,656
; PRIOR FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: 60/327,456
; PRIOR FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 220
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 128
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-087-684-128

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.3e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1584 ATCTGTGGAACAGAGAGAG 1607
DB 24 ATGAGGGGGAACAGAGCAGAG 1

RESULT 369
US-10-218-779-128/C
; Sequence 128, Application US/10218779
; Publication No. US20040029222A1
; GENERAL INFORMATION:
; APPLICANT: Edinger, Shlomit

; APPLICANT: MacDougall, John
; APPLICANT: Miller, Isabelle
; APPLICANT: Elletman, Karen
; APPLICANT: Stone, David
; APPLICANT: Gerlach, Valerie
; APPLICANT: Grose, William
; APPLICANT: Alsobrook II, John
; APPLICANT: Lepley, Denise
; APPLICANT: Rieger, Daniel
; APPLICANT: Burgess, Catherine
; APPLICANT: Casman, Stacie
; APPLICANT: Spytek, Kimberly
; APPLICANT: Boldog, Ferenc
; APPLICANT: Li, Li
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Mishra, Vishnu
; APPLICANT: Paturajan, Meera
; APPLICANT: Shenoy, Suresh
; APPLICANT: Rastelli, Luca
; APPLICANT: Tchernev, Velizar
; APPLICANT: Vernet, Corine
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Malyankar, Uriel
; APPLICANT: Guo, Xiaojia
; APPLICANT: Miller, Charles
; APPLICANT: Gangoli, Esha
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-214
; CURRENT APPLICATION NUMBER: US/10/218,779
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 60/253,834
; PRIOR FILING DATE: 2000-11-29
; PRIOR APPLICATION NUMBER: 60/250,926
; PRIOR FILING DATE: 2000-11-30
; PRIOR APPLICATION NUMBER: 60/264,180
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/313,656
; PRIOR FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: 60/327,456
; PRIOR FILING DATE: 2001-10-05
; NUMBER OF SEQ ID NOS: 216
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 128
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: chemically
US-10-218-779-128

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.3e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1584 ATCTGTGGAACAGAGAGAG 1607
DB 24 ATGAGGGGGAACAGAGCAGAG 1

RESULT 370
US-10-617-070-284
; Sequence 284, Application US/10617070
; Publication No. US20040096874A1
; GENERAL INFORMATION:
; APPLICANT: Neville, Matt
; APPLICANT: de Arruda Indig, Monika
; APPLICANT: Cao, Feng
; APPLICANT: Oldenburg, Mary C.
; APPLICANT: Koelbl, Jim C.
; APPLICANT: Aizenstein, Brian D.
; APPLICANT: Davey, Kelch
; TITLE OF INVENTION: Characterization of CYP2D6 Genotypes

FILE REFERENCE: FORS-08195
CURRENT APPLICATION NUMBER: US/10/617,070
CURRENT FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: 10/411,954
PRIOR FILING DATE: 2003-04-11
PRIOR APPLICATION NUMBER: 60/371,819
PRIOR FILING DATE: 2002-04-11
NUMBER OF SEQ ID NOS: 529
SOFTWARE: PatentIn version 3.2
SEQ ID NO 284
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-617-070-284

Query Match 0.3%; Score 16; DB 1; Length 24;
Best Local Similarity 79.2%; Pred. No. 6.3e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 987 CTCCTCCAGACATGTTCCAGCGA 1010
DB 1 CGCGCCGAGGCACTGCTCCAGCGA 24

RESULT 371
US-10-098-263B-83203
Sequence 83203, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miteam, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 83203
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien
US-10-098-263B-83203

Query Match 0.3%; Score 16; DB 1; Length 25;
Best Local Similarity 79.2%; Pred. No. 6.7e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5025 GGTGGGCTCTGTGTTCCAGGCTC 5048
DB 2 GGTGTGCTGTCTGTCTCCAGGCTC 25

RESULT 372
US-10-098-263B-83204
Sequence 83204, Application US/10098263B
Publication No. US20030104410A1
GENERAL INFORMATION:
APPLICANT: Miteam, Michael
TITLE OF INVENTION: Human Microarray
FILE REFERENCE: 3118.1
CURRENT APPLICATION NUMBER: US/10/098,263B
CURRENT FILING DATE: 2003-01-08
PRIOR APPLICATION NUMBER: 60/276,759
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 131066
SOFTWARE: Microarray Probe Sequence Listing Generator V 1.1
SEQ ID NO 83204
LENGTH: 25
TYPE: DNA
ORGANISM: Homo sapien

US-10-098-263B-83204

Query Match 0.3%; Score 16; DB 1; Length 25;
Best Local Similarity 79.2%; Pred. No. 6.7e+02;
Matches 19; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 5025 GGTGGGCTCTGTGTTCCAGGCTC 5048
DB 2 GGTGTGCTGTCTGTCTCCAGGCTC 25

RESULT 373
US-10-251-117-199
Sequence 199, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
FILE REFERENCE: 900/042 (MHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PatentIn version 3.0
SEQ ID NO 199
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siRNA sense
US-10-251-117-199

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 4.7e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3313 CTGACCGAGCCGACGACG 3331
DB 1 CUGACCCUGAGCCGCCAGC 19

RESULT 374
US-10-251-117-448/C
Sequence 448, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
FILE REFERENCE: 900/042 (MHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
CURRENT FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249

;; PRIOR FILING DATE: 2001-06-06
;; NUMBER OF SEQ ID NOS: 1213
;; SOFTWARE: PatentIn version 3.0
;; SEQ ID NO 448
;; LENGTH: 19
;; TYPE: RNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
US-10-251-117-448

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3313 CTGACCGACGCCCCACAGC 3331
DB 19 CTGACCTGACGCCCCCAGC 1

RESULT 375
US-10-357-488-27/C
;; Sequence 27, Application US/10357488
;; Publication No. US20030194730A1
;; GENERAL INFORMATION:
;; APPLICANT: Centre For DNA Fingerprinting and Diagnostics
;; TITLE OF INVENTION: No. US20030194730A1 FISSR-PCR primers and markers and a method
;; TITLE OF INVENTION: primers and markers for identifying genetic constitution and bnd
;; FILE REFERENCE: Varieties.
;; CURRENT APPLICATION NUMBER: US/10/357,488
;; PRIOR FILING DATE: 2003-02-04
;; PRIOR APPLICATION NUMBER: 260/MAS/2002
;; PRIOR FILING DATE: 2002-04-08
;; NUMBER OF SEQ ID NOS: 37
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 27
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-27

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 268 CCCTCTCTCTCTCTCTC 286
DB 19 CCGTCTCTCTCTCTCTC 1

RESULT 376
US-10-349-143-5847
;; Sequence 5847, Application US/10349143
;; Publication No. US20040005584A1
;; GENERAL INFORMATION:
;; APPLICANT: Cohen, Daniel
;; APPLICANT: Blumenfeld, Marla
;; APPLICANT: Chumakov, Ilya
;; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
;; FILE REFERENCE: GENSET.020C01
;; CURRENT APPLICATION NUMBER: US/10/349,143
;; PRIOR FILING DATE: 2003-01-21
;; PRIOR APPLICATION NUMBER: US/09/422,978
;; PRIOR FILING DATE: 1999-10-20
;; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
;; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
;; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
;; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
;; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
;; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21

;; NUMBER OF SEQ ID NOS: 11796
;; SEQ ID NO 5847
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Homo Sapiens
;; FEATURE:
;; NAME/KEY: primer_bind
;; LOCATION: 1..19
;; OTHER INFORMATION: upstream amplification primer 99-7311 for SEQ 1913,
US-10-349-143-5847

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches -2; Indels 0; Gaps 0;

QY 280 TTCTCTCTCTCTCTCTGC 298
DB 1 TTCTCTCTCTCTCTTTTC 19

RESULT 377
US-10-399-872-1/C
;; Sequence 1, Application US/10399872
;; Publication No. US20040072147A1
;; GENERAL INFORMATION:
;; APPLICANT: HARRIS, ROBERT B.
;; APPLICANT: REYNOLDS, THOMAS R.
;; TITLE OF INVENTION: DETECTION AND QUANTITATION OF HUMAN HERPES VIRUSES
;; FILE REFERENCE: 038098-0115
;; CURRENT APPLICATION NUMBER: US/10/399,872
;; PRIOR FILING DATE: 2003-09-08
;; PRIOR APPLICATION NUMBER: PCT/US01/31892
;; PRIOR FILING DATE: 2001-10-12
;; NUMBER OF SEQ ID NOS: 26
;; SOFTWARE: PatentIn Ver. 2.1
;; SEQ ID NO 1
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-399-872-1

Query Match 0.3%; Score 15.8; DB 1; Length 19;
Best Local Similarity 89.5%; Pred. No. 4.7e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4666 GGTAGCTTGTGAGGTAC 4684
DB 19 GGTAGCTTGTGAGGTGC 1

RESULT 378
US-09-800-631-84
;; Sequence 84, Application US/09800631
;; Patent No. US20020082228A1
;; GENERAL INFORMATION:
;; APPLICANT: Hong Zhang
;; APPLICANT: Jacqueline Wyatt
;; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP
;; FILE REFERENCE: ISPH-0544
;; CURRENT APPLICATION NUMBER: US/09/800,631
;; PRIOR FILING DATE: 2001-03-07
;; PRIOR APPLICATION NUMBER: US/09/657,346
;; PRIOR FILING DATE: 2000-09-07
;; NUMBER OF SEQ ID NOS: 175
;; SEQ ID NO 84
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-84

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4686 AGAAGCTGTCTCTCCAG 4704
|||||
DB 2 AGAAGCTGTCTCTCCAG 20

RESULT 379
US-09-752-639-77
; Sequence 77, Application US/09752639
; Patent No. US20020091243A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,639
; FILING DATE:
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-752-639-77

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 495 AGAGGCCACGCCACCA 513
|||||
DB 1 AGAGGCCACGCCACCA 19

RESULT 380
US-09-984-198-77

; Sequence 77, Application US/09984198
; Patent No. US20020106679A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; TITLE OF INVENTION: of Use Thereof
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FASTSEQ for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/984,198
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 77:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-984-198-77

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 495 AGAGGCCACGCCACCA 513
|||||
DB 1 AGAGGCCACGCCACCA 19

RESULT 381
US-09-888-326-410/C
; Sequence 410, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weinert, George
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; TITLE OF INVENTION: Cell Lysis and Treating Cancer
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; PRIOR FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22

NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 410
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-410

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACGCGCGCGCGCGCGC 3936
DB 20 CCGCGCGCGCGCGCGCGC 2

RESULT 382
US-09-909-595-62/c
; Sequence 62, Application US/0990595
; Publication No. US2003083278A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Brenda F. Baker
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Scott E. Davis
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
; FILE REFERENCE: RTS-0223
; CURRENT APPLICATION NUMBER: US/09/909,595
; CURRENT FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-909-595-62

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTTCTCTCTC 288
DB 19 CTCTCTCTCATCTCTCTC 1

RESULT 383
US-09-910-185-53/c
; Sequence 53, Application US/09910185
; Publication No. US2003083279A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF GLIOMA-ASSOCIATED ONCOGENE-3 EXPRESSION
; FILE REFERENCE: RTS-0258
; CURRENT APPLICATION NUMBER: US/09/910,185
; CURRENT FILING DATE: 2001-07-18
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-910-185-53

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2608 ACCACAGCCCTGCTTTGC 2626
DB 19 ACCACAGCCCTGCTTTGC 1

RESULT 384
US-09-776-479-243/c
; Sequence 243, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACGCGCGCGCGCGCGC 3936
DB 20 CCGCGCGCGCGCGCGCGC 2

RESULT 385
US-09-776-479-243/c
; Sequence 243, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-243

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACGCGCGCGCGCGCGC 3936

Db 20 CCGCGCGCGCGCGCGCGC 2

RESULT 386
US-09-920-394-30/c
; Sequence 30, Application US/09920394
; Publication No. US2003009673A1
; GENERAL INFORMATION:
; APPLICANT: Roseanne M. Crooke
; APPLICANT: Mark J. Graham
; APPLICANT: Kristina M. Lemondidis
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
; FILE REFERENCE: ISPH-0589
; CURRENT APPLICATION NUMBER: US/09/920,394
; CURRENT FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 62
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-30

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2533 TCCTGTGGAAGTCTTATCC 2551
Db 19 TCCTGTGGAAGTCTTATCC 1

RESULT 387
US-09-965-101-57/c
; Sequence 57, Application US/09965101
; Publication No. US20040186067A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Kries, Arthur M.
; APPLICANT: Schorr, Joachim
; APPLICANT: Mu, Tong
; TITLE OF INVENTION: Vectors and Methods for Immunization or
; FILE REFERENCE: C1039/7057 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/965,101
; CURRENT FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 09/082,649
; PRIOR FILING DATE: 1998-05-20
; PRIOR APPLICATION NUMBER: US 60/047,233
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: US 60/047,209
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-965-101-57

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACGCCGCCGCCGCCGC 3936
Db 20 CCGCGCGCGCGCGCGCGC 2

RESULT 388
US-10-112-653-235/c
; Sequence 235, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kries, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060(AWS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; CURRENT FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 235
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-235

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACGCCGCCGCCGCCGC 3936
Db 20 CCGCGCGCGCGCGCGCGC 2

RESULT 389
US-10-017-995-243/c
; Sequence 243, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bretzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 243
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-243

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3918 CCGACGCCGCCGCCGCCGC 3936
Db 20 CCGCGCGCGCGCGCGCGC 2

RESULT 390
US-10-293-783-84
; Sequence 84, Application US/10293783
; Publication No. US20030130222A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BH3 INTERACTING DOMAIN DEATH AGONIST EXP.

```
/ FILE REFERENCE: ISFH-0544
/ CURRENT APPLICATION NUMBER: US/10/293,783
/ CURRENT FILING DATE: 2002-11-13
/ PRIOR APPLICATION NUMBER: US/09/800,631
/ PRIOR FILING DATE: 2001-03-07
/ PRIOR APPLICATION NUMBER: US/09/657,346
/ PRIOR FILING DATE: 2000-09-07
/ NUMBER OF SEQ ID NOS: 175
/ SEQ ID NO 84
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-84

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4686 AGAAGCCTGTCTCTCCAG 4704
Db      2 AGAACTGTCTCTCCAG 20
      |||||
RESULT 391
US-10-314-578-243/c
/ Sequence 243, Application US/10314578
/ Publication No. US20030212026A1
/ GENERAL INFORMATION:
/ APPLICANT: Kries, Arthur M.
/ APPLICANT: Schetter, Christian
/ APPLICANT: Vollmer, Jörg
/ TITLE OF INVENTION: Immunostimulatory Nucleic Acids
/ FILE REFERENCE: C1039/7035 (HCL/MAT)
/ CURRENT APPLICATION NUMBER: US/10/314,578
/ CURRENT FILING DATE: 2002-12-09
/ PRIOR APPLICATION NUMBER: US 60/156,113
/ PRIOR FILING DATE: 1999-09-25
/ PRIOR APPLICATION NUMBER: US 60/156,135
/ PRIOR FILING DATE: 1999-09-27
/ PRIOR APPLICATION NUMBER: US 60/227,436
/ PRIOR FILING DATE: 2000-08-23
/ NUMBER OF SEQ ID NOS: 1145
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 243
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic Sequence
US-10-314-578-243

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3918 CCGACGCGCGCGCGCGC 3936
Db      20 CCGCGCGCGCGCGCGCGC 2
      |||||
RESULT 392
US-10-388-263-732
/ Sequence 732, Application US/10388263
/ Publication No. US20030228597A1
/ GENERAL INFORMATION:
/ APPLICANT: Cowsett, Lex M.
/ APPLICANT: Baker, Brenda F.
/ APPLICANT: McNeil, John
/ APPLICANT: Freiler, Susan M.
/ APPLICANT: Samor, Henri M.
/ APPLICANT: Brooks, Douglas G.
```

```
/ APPLICANT: Ohashi, Cara
/ APPLICANT: Wyatt, Jacqueline R.
/ APPLICANT: Borchers, Alexander
/ APPLICANT: Vickers, Timothy A.
/ TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
/ TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
/ TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
/ FILE REFERENCE: ISIS-4503
/ CURRENT APPLICATION NUMBER: US/10/388,263
/ CURRENT FILING DATE: 2003-03-12
/ NUMBER OF SEQ ID NOS: 947
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 732
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-732

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4686 AGAAGCCTGTCTCTCCAG 4704
Db      2 AGAACTGTCTCTCCAG 20
      |||||
RESULT 393
US-10-174-319-5
/ Sequence 5, Application US/10174319
/ Publication No. US2003023271A1
/ GENERAL INFORMATION:
/ APPLICANT: Donna T. Ward
/ APPLICANT: Susan M. Freiler
/ APPLICANT: Kenneth W. Dobie
/ TITLE OF INVENTION: ANTISENSE MODULATION OF MARK3 EXPRESSION
/ FILE REFERENCE: PTS-0018
/ CURRENT APPLICATION NUMBER: US/10/174,319
/ CURRENT FILING DATE: 2002-06-17
/ NUMBER OF SEQ ID NOS: 121
/ SEQ ID NO 5
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR Primer
US-10-174-319-5

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      739 TCACCAAGCTGGACCAAGCT 757
Db      1 TGACCATGCTGGACCAAGCT 19
      |||||
RESULT 394
US-10-289-762-6014
/ Sequence 6014, Application US/10289762
/ Publication No. US20040006218A1
/ GENERAL INFORMATION:
/ APPLICANT: Grifflair, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/10/289,762
/ CURRENT FILING DATE: 2003-03-27
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 6014
```


LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-6014

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 146 CTTGAGCTGCCACCTGACA 164
DB 1 CTTGAGCTGCCACCTGACA 19

RESULT 395
US-10-435-696-218
Sequence 218, Application US/10435696
Publication No. US20040018525A1
GENERAL INFORMATION:
APPLICANT: Wirtz, Ralph
APPLICANT: Munnes, Marc
APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
FILE REFERENCE: Lea 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
PRIOR FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: EP02010291.9
NUMBER OF SEQ ID NOS: 314
SOFTWARE: PatentIn version 3.1
SEQ ID NO 218
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: LOC51242 for
US-10-435-696-218

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2794 AGAGTCGAGGAGGAGAAA 2812
DB 1 AGAGTCGAGGAGGAGAAA 19

RESULT 396
US-10-213-796-85/c
Sequence 85, Application US/10213796
Publication No. US20040029272A1
GENERAL INFORMATION:
APPLICANT: Sanjay Bhanot
APPLICANT: Susan M. Freiler
TITLE OF INVENTION: ANTISENSE MODULATION OF PERILIPIN EXPRESSION
FILE REFERENCE: RTS-0355
CURRENT APPLICATION NUMBER: US/10/213,796
CURRENT FILING DATE: 2002-08-06
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 85
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-213-796-85

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4958 CGTGCTGTAGAGAGTCT 4976
DB 19 CGTGCTGTAGAGAGTCT 1

RESULT 397
US-10-213-796-155
Sequence 155, Application US/10213796
Publication No. US20040029272A1
GENERAL INFORMATION:
APPLICANT: Sanjay Bhanot
APPLICANT: Susan M. Freiler
TITLE OF INVENTION: ANTISENSE MODULATION OF PERILIPIN EXPRESSION
FILE REFERENCE: RTS-0355
CURRENT APPLICATION NUMBER: US/10/213,796
CURRENT FILING DATE: 2002-08-06
NUMBER OF SEQ ID NOS: 170
SEQ ID NO 155
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
OTHER INFORMATION: US-10-213-796-155

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4958 CGTGCTGTAGAGAGTCT 4976
DB 2 CGTGCTGTAGAGAGTCT 20

RESULT 398
US-10-680-341-72/c
Sequence 72, Application US/10680341
Publication No. US20040091923A1
GENERAL INFORMATION:
APPLICANT: Reyes, Antonio A.
APPLICANT: Wallace, Robert B.
APPLICANT: Uozzoli, Luis A.
TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
FILE REFERENCE: 3239-0105P
CURRENT APPLICATION NUMBER: US/10/680,341
CURRENT FILING DATE: 2003-10-06
NUMBER OF SEQ ID NOS: 83
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 72
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
LOCATION: (20)
OTHER INFORMATION: "NON-REPLICABLE ELEMENT"-TGT
US-10-680-341-72

Query Match 0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1355 GCTGCACGAGGCTCTGAG 1373
DB 20 GCTGCACGAGGCTCTGAG 2

RESULT 399
US-10-457-890A-2
Sequence 2, Application US/10457890A
Publication No. US20040109870A1
GENERAL INFORMATION:
APPLICANT: Yodoi, Junji

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; APPLICANT: Nakamura, Hajime
; APPLICANT: Okuyama, Hiroaki
; APPLICANT: Shimahara, Yasuyuki
; TITLE OF INVENTION: Therapeutic agent for acute hepatitis and chronic hepatitis inclu
; TITLE OF INVENTION: hepatic fibrosis and cirrhosis.
; FILE REFERENCE: 20033DUS
; CURRENT APPLICATION NUMBER: US/10/457,890A
; CURRENT FILING DATE: 2003-06-10
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Sequence 2 is an ?1 typed collagen reverse primer.
US-10-457-890A-2

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1901 CCTCAACACTCCTCTGCA 1919
DB      1 CCTCAACACCACCTGCA 19

RESULT 400
US-10-317-277A-69/c
; Sequence 69, Application US/10317277A
; Publication No. US20040110159A1
; GENERAL INFORMATION:
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
; FILE REFERENCE: RFS-0473
; CURRENT APPLICATION NUMBER: US/10/317,277A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-277A-69

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      38 GCAGAGAACCACTTCTCT 56
DB      19 GCAGAGAACCACTTCTGT 1

RESULT 401
US-10-317-277A-144
; Sequence 144, Application US/10317277A
; Publication No. US20040110159A1
; GENERAL INFORMATION:
; APPLICANT: Dobie, Kenneth W.
; TITLE OF INVENTION: Modulation of Estrogen-Responsive Finger Protein Expression
; FILE REFERENCE: RFS-0473
; CURRENT APPLICATION NUMBER: US/10/317,277A
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 144
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-317-277A-144

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      38 GCAGAGAACCACTTCTCT 56
DB      19 GCAGAGAACCACTTCTGT 1

RESULT 402
US-10-671-395-57
; Sequence 57, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-57

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2260 GGTTCGGGATCTTAATA 2278
DB      1 GGTTCGGGATCTTAATA 19

RESULT 403
US-10-671-395-58
; Sequence 58, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Glaxo, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 58
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-58

Query Match          0.3%; Score 15.8; DB 1; Length 20;
Best Local Similarity 89.5%; Pred. No. 5.1e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2260 GGTTCGGGATCTTAATA 2278
DB      1 GGTTCGGGATCTTAATA 19
```


CORRESPONDENCE ADDRESS:
ADDRESSEE: Nixon and Vanderhye
STREET: 1100 No. US200301816601ch Glebe Road, Eighth Floor
CITY: Arlington
STATE: Virginia
COUNTRY: US
ZIP: VA 22201-4714
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25 (EPO)
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/331,907
FILING DATE: 31-Dec-2002
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/402,923A
FILING DATE: 14-Feb-2001
APPLICATION NUMBER: PCT/GB98/01102
FILING DATE: 15-APR-1998
APPLICATION NUMBER: US 60/043,553
FILING DATE: 15-APR-1997
APPLICATION NUMBER: US 60/048,740
FILING DATE: 05-JUN-1997
ATTORNEY/AGENT INFORMATION:
NAME: B.J.Sadoff
REGISTRATION NUMBER: 36,663
REFERENCE/DOCKET NUMBER: 620-81
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703)816-4091
TELEFAX: (703)816-4100
INFORMATION FOR SEQ ID NO: 208:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 208:
US-10-331-907-208
Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1638 GACTCCAAAAGAGAGAG 1656
DB 20 GACTCCAAACAGAGAGCAG 2
RESULT 408
US-10-131-827-8771/c
Sequence 8771, Application US/10131827
Publication No. US20040009479A1
GENERAL INFORMATION:
APPLICANT: Wohlgenuth, Jay
APPLICANT: Fry, Kirk
APPLICANT: Woodward, Robert
APPLICANT: Ly, Ngoc
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR DIAGNOSING AND MONITORING AUTOIMMUNE
TITLE OF INVENTION: CHRONIC INFLAMMATORY DISEASES
FILE REFERENCE: 50612000120
CURRENT APPLICATION NUMBER: US/10/131,827
FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US 10/006,290
FILING DATE: 2001-10-22
PRIOR APPLICATION NUMBER: US 60/296,764
FILING DATE: 2001-06-08
NUMBER OF SEQ ID NOS: 9090
SOFTWARE: Patentin version 3.1
SEQ ID NO 8771
LENGTH: 21
TYPE: DNA
ORGANISM: Human cytomegalovirus

US-10-131-827-8771
Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 84 TTCTTCAGAGTGGCCACA 102
DB 20 TTTTCAGAGGCGCCACA 2
RESULT 409
US-10-786-720-12933/c
Sequence 12933, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 12933
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-12933
Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 1299 AAGCTCAGCCAACTGACAA 1317
DB 21 AAGCACAGTCAACTGACAA 3
RESULT 410
US-10-786-720-14806
Sequence 14806, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
TITLE OF INVENTION: DISEASES
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: Patentin version 3.2
SEQ ID NO 14806
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-14806
Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 923 TGAGGCCAAGAGGTTCTT 941
DB 3 TGATGCTTAGAGAGTTCTT 21
RESULT 411
US-10-786-720-14808/c

```
; Sequence 14808, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14808
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-14808

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      923 TGAGGCCAGAGGCTTCT 941
Db      19 TGATGCTTAGAGGCTTCT 1

RESULT 412
US-10-786-720-17482
; Sequence 17482, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17482
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-17482

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3216 AGTGCTCCAGCATCACTG 3234
Db      2 AGTGATCCAGCTTCACTG 20

RESULT 413
US-10-786-720-17484/c
; Sequence 17484, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
```

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; SEQ ID NO 17484
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-17484

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3216 AGTGCTCCAGCATCACTG 3234
Db      20 AGTGATCCAGCTTCACTG 2

RESULT 414
US-10-786-720-18670
; Sequence 18670, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18670
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-18670

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3216 AGTGCTCCAGCATCACTG 3234
Db      2 AGTGATCCAGCTTCACTG 20

RESULT 415
US-10-786-720-18672/c
; Sequence 18672, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18672
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-18672

Query Match      0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 89.5%; Pred. No. 5.5e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3216 AGTGCTCCAGCATCACTG 3234
Db      20 AGTGATCCAGCTTCACTG 2
```

RESULT 416
US-10-786-720-19517
; Sequence 19517, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM1013311L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 19517
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-19517

Query Match 0.3%; Score 15.8; DB 1; Length 21;
Best Local Similarity 73.7%; Pred. No. 5.5e+02;
Matches 14; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 176 CGCTGCACCACTGTCGAC 194
DB 1 CGCTGCACCACTGTCGAC 19

RESULT 417
US-10-085-198-287/c
; Sequence 287, Application US/10085198
; Publication No. US2004000907A1
; GENERAL INFORMATION:
; APPLICANT: Alsbrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,224
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/239,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 287
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide primer
US-10-085-198-287

Query Match 0.3%; Score 15.8; DB 1; Length 22;
Best Local Similarity 89.5%; Pred. No. 6e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2080 TGGGGGTGTGTGTTGTT 2098
DB 20 TGGGGGTGTGTGTTGTT 2

RESULT 418
US-08-983-605-232/c
; Sequence 232, Application US/08983605A
; Publication No. US20020066118A1
; GENERAL INFORMATION:
; APPLICANT: Roder, Marion
; TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
; TITLE OF INVENTION: Trifolium aestivum and Trifolium repens and the Use of
; FILE REFERENCE: 2936.10400
; CURRENT APPLICATION NUMBER: US/08/983,605A
; CURRENT FILING DATE: 1998-05-01
; EARLIER APPLICATION NUMBER: DE 195 25 284.5
; EARLIER FILING DATE: 1995-06-28
; NUMBER OF SEQ ID NOS: 466
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 232
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Trifolium aestivum
US-08-983-605-232

Query Match 0.3%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 6.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5184 CCAGTGTGTGTGTGATG 5202
DB 22 CTAGTGTGTGTGTGATG 4

RESULT 419
US-09-911-904-41
; Sequence 41, Application US/09911904
; Publication No. US20030096234A1
; GENERAL INFORMATION:
; APPLICANT: Farr, Spencer B.
; APPLICANT: Pickett, Gavin G.
; APPLICANT: Neft, Robin Eileen
; APPLICANT: Dunn, II, Robert Thomas
; TITLE OF INVENTION: CANINE TOXICITY GENES
; FILE REFERENCE: 400742000200
; CURRENT APPLICATION NUMBER: US/09/911,904
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: US 60/220,057
; PRIOR FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 386
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 41
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Canis familiaris
US-09-911-904-41

Query Match 0.3%; Score 15.8; DB 1; Length 23;
Best Local Similarity 89.5%; Pred. No. 6.4e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 817 CGCTGAGAGAGAGACAC 835
DB 3 CCTGAGAGAGAGAGACCC 21

```
RESULT 420
US-10-466-205-26
; Sequence 26, Application US/10466205
; Publication No. US20040077531A1
; GENERAL INFORMATION:
; APPLICANT: MATSUMOTO, Hirokazu
; APPLICANT: NOGUCHI, Jiro
; APPLICANT: OHTAKI, Tetsuya
; TITLE OF INVENTION: Use of Galanin-like Peptide
; FILE REFERENCE: 2861USOP
; CURRENT APPLICATION NUMBER: US/10/466,205
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: PCT/JP02/00313
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: JP 2001-12094
; PRIOR FILING DATE: 2001-01-19
; NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 26
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: degenerate primer pGAL34-8R
US-10-466-205-26

Query Match          0.3%; Score 15.8; DB 1; Length 23;
Best Local Similarity 73.9%; Pred. No. 6.4e+02;
Matches 17; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      2953 ATGCGGAGGCGTCGATTCGCCCTT 2975
Db      1  ATDCCBAGGCGDGTTCGCCCTT 23

RESULT 421
US-10-032-585-4873/c
; Sequence 4873, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jjang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Busey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: Patent version 3.1
; SEQ ID NO 4873
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4873

Query Match          0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2258 CTGATTGGGAGTCTTAAC 2276
Db      24  CTGATTGGGAGTCTTAAC 6

RESULT 422
US-10-680-341-81/c
; Sequence 81, Application US/10680341
; Publication No. US20040091923A1
; GENERAL INFORMATION:
; APPLICANT: Reyes, Antonio A.
; APPLICANT: Wallace, Robert B.
; APPLICANT: Ugozzoli, Luis A.
; TITLE OF INVENTION: Linked Linear Amplification of Nucleic Acids
```

```
FILE REFERENCE: 3239-0105P
; CURRENT APPLICATION NUMBER: US/10/680,341
; CURRENT FILING DATE: 2003-10-06
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 81
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-680-341-81

Query Match          0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1355 GCTGCACGAGGTCCTGAG 1373
Db      20  GCTGCACGAGTCTGAG 2

RESULT 423
US-10-312-308-26
; Sequence 26, Application US/10312308
; Publication No. US20040106116A1
; GENERAL INFORMATION:
; APPLICANT: Hyseq, Inc
; APPLICANT: Boyle, Brian J.
; APPLICANT: Mize, Nancy K.
; APPLICANT: Arterburn, Matthew C.
; APPLICANT: Palencia, Servando
; APPLICANT: Tang, Y. Tom
; APPLICANT: Liu, Chenghua
; APPLICANT: Drmanac, Radoje T.
; APPLICANT: Chao, Cheng-Chi
; TITLE OF INVENTION: METHODS AND MATERIALS RELATING TO HEMATOPOIETIC CYTOKINE-LIKE
; FILE REFERENCE: 21272-028 (HVS-30)
; CURRENT APPLICATION NUMBER: US/10/312,308
; CURRENT FILING DATE: 2002-12-19
; PRIOR APPLICATION NUMBER: 09/684,147
; PRIOR FILING DATE: 2000-10-05
; PRIOR APPLICATION NUMBER: 09/491,404
; PRIOR FILING DATE: 2000-01-25
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 26
; LENGTH: 24
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-312-308-26

Query Match          0.3%; Score 15.8; DB 1; Length 24;
Best Local Similarity 89.5%; Pred. No. 6.8e+02;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1256 TCCTCAGGTTCTCGTGAG 1274
Db      2  TCCTCAAGTTCTCGTGAG 20

RESULT 424
US-09-737-149-20
; Sequence 20, Application US/09737149
; Patent No. US20020077466A1
; GENERAL INFORMATION:
; APPLICANT: Spaderna, Steven K
; APPLICANT: Quinn, Kerry E.
; APPLICANT: Shimkete, Richard A.
; APPLICANT: Muralidhara, Padigaru
; APPLICANT: Spletke, Kimberly A.
; TITLE OF INVENTION: Polypeptides and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-620 CIP
; CURRENT APPLICATION NUMBER: US/09/737,149
```

;; CURRENT FILING DATE: 2001-06-15
;; PRIOR APPLICATION NUMBER: 60/170,564
;; PRIOR FILING DATE: 1999-12-14
;; PRIOR APPLICATION NUMBER: 60/173,165
;; PRIOR FILING DATE: 1999-12-27
;; PRIOR APPLICATION NUMBER: 60/173,362
;; PRIOR FILING DATE: 1999-12-27
;; PRIOR APPLICATION NUMBER: 60/173,544
;; PRIOR FILING DATE: 1999-12-29
;; PRIOR APPLICATION NUMBER: 60/174,404
;; PRIOR FILING DATE: 2000-01-04
;; PRIOR APPLICATION NUMBER: 60/174,962
;; PRIOR FILING DATE: 2000-01-07
;; PRIOR APPLICATION NUMBER: 60/223,929
;; PRIOR FILING DATE: 2000-08-09
;; NUMBER OF SEQ ID NOS: 49
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 20
;; LENGTH: 22
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Ag1387 Forward Primer
US-09-737-149-20

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2305 CAGAAACATCATCCAAAAAT 2326
DB 1 CTGAAACCTTCATCCACACAAAT 22

RESULT 425
US-09-995-542-18
;; Sequence 18; Application US/09995542
;; Patent No. US20020127647A1
;; GENERAL INFORMATION:
;; APPLICANT: Shuter, John
;; TITLE OF INVENTION: ATP-Binding Cassette Transporter-Like Molecules and
;; FILE REFERENCE: 00-658-A
;; CURRENT APPLICATION NUMBER: US/09/995,542
;; CURRENT FILING DATE: 2001-11-28
;; PRIOR APPLICATION NUMBER: 60/253,520
;; PRIOR FILING DATE: 2000-11-28
;; NUMBER OF SEQ ID NOS: 24
;; SOFTWARE: PatentIn Ver. 2.0
;; SEQ ID NO 18
;; LENGTH: 22
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
US-09-995-542-18

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 106 CTCCTGACGCTCCAGAGCCGG 127
DB 1 CTCGAGCGCTCTCCAGAGCAGG 22

RESULT 426
US-09-912-679-60
;; Sequence 60; Application US/09912679
;; Patent No. US20020141974A1
;; GENERAL INFORMATION:

;; APPLICANT: Jolly, Douglas J.
;; Chang, Stephen M.W.
;; Lee, William T.L.
;; Townsend, Kay
;; O'Dea, Joanne
;; TITLE OF INVENTION: HEPATITIS THERAPEUTICS
;; NUMBER OF SEQUENCES: 84
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Seed and Berry
;; STREET: 6300 Columbia Center, 701 Fifth Avenue
;; CITY: Seattle
;; STATE: Washington
;; COUNTRY: U.S.
;; ZIP: 98104
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/912,679
;; FILING DATE: 07-Jun-1995
;; CLASSIFICATION: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: McMaister, David D.
;; REGISTRATION NUMBER: 33,963
;; REFERENCE/DOCKET NUMBER: 930049.407C5
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 206-622-4900
;; TELEFAX: 206-682-6031
;; TELEX: 3723836
;; INFORMATION FOR SEQ ID NO: 60:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 22 base pairs
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; SEQUENCE DESCRIPTION: SEQ ID NO: 60:
US-09-912-679-60

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3068 GCAGACCTCTCAGGCGAGACG 3089
DB 1 GCAGATCTCCAGACGACGATG 22

RESULT 427
US-09-466-035-60
;; Sequence 60; Application US/09466035
;; Patent No. US20020165172A1
;; GENERAL INFORMATION:
;; APPLICANT: SALBERG, MATTI
;; MILDICH, DAVID R.
;; LEE, WILLIAM T.L.
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
;; INTRACELLULAR DISEASES
;; NUMBER OF SEQUENCES: 86
;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: Robins & Pasternak LLP
;; STREET: 545 Middlefield Road, Suite 180
;; CITY: Menlo Park
;; STATE: California
;; COUNTRY: U.S.
;; ZIP: 94025
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: Floppy disk
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: PatentIn Release #1.0, Version #1.25
;; CURRENT APPLICATION DATA:


```

; APPLICATION NUMBER: US/09/466,035
; FILING DATE: 17-Dec-1999
; CLASSIFICATION: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Pasternak, Dabna S.
; REGISTRATION NUMBER: 41,411
; REFERENCE/DOCKET NUMBER: 2300-1231.01
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-325-7812
; TELEFAX: 650-325-7823
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 60:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; SEQUENCE DESCRIPTION: SEQ ID NO: 60:
US-09-466-035-60

Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3068 GCAGACCTCTCAGGCAAGCG 3089
DB      1 GCAGATCTCCGACGCAAGATG 22

RESULT 428
US-09-972-115A-42
; Sequence 42, Application US/09972115A
; Publication No. US20030032769A1
; GENERAL INFORMATION:
; APPLICANT: Genon Corporation
; APPLICANT: Gregg, Morin B.
; APPLICANT: Walter, Funk D.
; APPLICANT: Mieczyslaw, Piatyszek A.
; TITLE OF INVENTION: A Second Mammalian Telomerase
; FILE REFERENCE: 080/003C
; CURRENT APPLICATION NUMBER: US/09/972,115A
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: US 60/128,577
; PRIOR FILING DATE: 2000-04-10
; PRIOR APPLICATION NUMBER: US 60/129,123
; PRIOR FILING DATE: 1999-04-13
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 42
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-09-972-115A-42

Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      732 AGGTTCTTCACGAGCTGAGCC 753
DB      1 AGGCTTCGACCATGCTGAGCC 22

RESULT 429
US-10-085-198-315/C
; Sequence 315, Application US/10085198
; Publication No. US20040009907A1
; GENERAL INFORMATION:
; APPLICANT: Alsebrook et al.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-279
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; CURRENT APPLICATION NUMBER: US/10/085,198
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: 60/271,646
; PRIOR FILING DATE: 2001-02-26
; PRIOR APPLICATION NUMBER: 60/276,401
; PRIOR FILING DATE: 2001-03-16
; PRIOR APPLICATION NUMBER: 60/311,981
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/312,858
; PRIOR FILING DATE: 2001-08-16
; PRIOR APPLICATION NUMBER: 60/271,840
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 60/277,324
; PRIOR FILING DATE: 2001-03-20
; PRIOR APPLICATION NUMBER: 60/286,096
; PRIOR FILING DATE: 2001-04-21
; PRIOR APPLICATION NUMBER: 60/299,695
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: 60/315,614
; PRIOR FILING DATE: 2001-08-29
; PRIOR APPLICATION NUMBER: 60/272,405
; PRIOR FILING DATE: 2001-02-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 653
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 315
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-085-198-315

Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5133 TTTCCTTATGTTGCTTTTCA 5154
DB      22 TTTCCTTTGTACTGTTTCA 1

RESULT 430
US-10-210-130-237
; Sequence 237, Application US/10210130
; Publication No. US20040014053A1
; GENERAL INFORMATION:
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Patturajan, Meera
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Miller, Charles E.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Shinkete, Richard A.
; APPLICANT: Li, Li
; APPLICANT: Bergins, Constance
; APPLICANT: Zhong, Mei
; APPLICANT: Casman, Stacie J.
; APPLICANT: Voss, Edward Z.
; APPLICANT: Boldog, Ferenc L.
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Smithson, Glenda
; APPLICANT: Ji, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Vermet, Corine A.M.
; APPLICANT: Leite, Mario W.
; APPLICANT: Guo, Xiaojia Saha
; APPLICANT: Anderson, David W.
; APPLICANT: Spletke, Kimberly A.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Khramtsov, Nikolai V.
```

```
/ APPLICANT: Ort, Tatiana
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Agee, Michele L.
/ APPLICANT: Chaudhuri, Amitabha
/ APPLICANT: Chant, John S.
/ APPLICANT: DiPippo, Vincent A.
/ APPLICANT: Edinger, Shlomit R.
/ APPLICANT: Eissen, Andrew J.
/ APPLICANT: Gangolli, Esba A.
/ APPLICANT: Giot, Loic
/ APPLICANT: Ooi, Chean Eng
/ APPLICANT: Rothenberg, Mark E.
/ APPLICANT: Spaderma, Steven K.
/ APPLICANT: Hjalte, Tord
/ APPLICANT: Liu, Xiaohong
/ APPLICANT: Taupier, Raymond J., Jr.
/ APPLICANT: Caterton, Elina
/ APPLICANT: Shenoy, Suresh G.
/ TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-416C (Cura-716 SMT)
/ CURRENT APPLICATION NUMBER: US/10/210,130
/ CURRENT FILING DATE: 2002-08-01
/ PRIOR APPLICATION NUMBER: 60/309,501
/ PRIOR FILING DATE: 2001-08-02
/ PRIOR APPLICATION NUMBER: 60/316,508
/ PRIOR FILING DATE: 2001-08-31
/ PRIOR APPLICATION NUMBER: 60/354,655
/ PRIOR FILING DATE: 2002-02-05
/ PRIOR APPLICATION NUMBER: 60/310,291
/ PRIOR FILING DATE: 2001-08-03
/ PRIOR APPLICATION NUMBER: 60/383,887
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: 60/310,951
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/323,936
/ PRIOR FILING DATE: 2001-09-21
/ PRIOR APPLICATION NUMBER: 60/381,039
/ PRIOR FILING DATE: 2002-05-16
/ PRIOR APPLICATION NUMBER: 60/311,292
/ PRIOR FILING DATE: 2001-08-09
/ PRIOR APPLICATION NUMBER: 60/311,979
/ PRIOR FILING DATE: 2001-08-13
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 369
/ SOFTWARE: CuraSeqList version 0.1
/ SEQ ID NO 237
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-237

Query Match      0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0,

QY      270 CTTCTCTCTCTCTCTCTCTCTCT 291
Db      1 CCCTCTCTCTTTCACCTCTCTCT 22

RESULT 431
US-10-210-130-240
/ Sequence 240, Application US/10210130
/ GENERAL INFORMATION:
/ APPLICANT: Zerhusen, Bryan D.
/ APPLICANT: Patturajan, Meera
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: Miller, Charles E.
/ APPLICANT: Rieger, Daniel K.
```

```
/ APPLICANT: Pena, Carol E.A.
/ APPLICANT: Shimkete, Richard A.
/ APPLICANT: Li, Li
/ APPLICANT: Berghs, Constance
/ APPLICANT: Zhong, Mei
/ APPLICANT: Casman, Stacie J.
/ APPLICANT: Voss, Edward Z.
/ APPLICANT: Boldog, Ferenc L.
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Smithson, Glenda
/ APPLICANT: Ji, Weizhen
/ APPLICANT: Gorman, Linda
/ APPLICANT: Vernet, Corine A.M.
/ APPLICANT: Leite, Mario W.
/ APPLICANT: Guo, Xiaojia Sasha
/ APPLICANT: Anderson, David W.
/ APPLICANT: Spytek, Kimberly A.
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Burgess, Catherine E.
/ APPLICANT: Khramtsov, Nikolai V.
/ APPLICANT: Ellerman, Karen
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Agee, Michele L.
/ APPLICANT: Chaudhuri, Amitabha
/ APPLICANT: Chant, John S.
/ APPLICANT: DiPippo, Vincent A.
/ APPLICANT: Edinger, Shlomit R.
/ APPLICANT: Eissen, Andrew J.
/ APPLICANT: Gangolli, Esba A.
/ APPLICANT: Giot, Loic
/ APPLICANT: Ooi, Chean Eng
/ APPLICANT: Rothenberg, Mark E.
/ APPLICANT: Spaderma, Steven K.
/ APPLICANT: Hjalte, Tord
/ APPLICANT: Liu, Xiaohong
/ APPLICANT: Taupier, Raymond J., Jr.
/ APPLICANT: Caterton, Elina
/ APPLICANT: Shenoy, Suresh G.
/ TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
/ FILE REFERENCE: 21402-416C (Cura-716 SMT)
/ CURRENT APPLICATION NUMBER: US/10/210,130
/ CURRENT FILING DATE: 2002-08-01
/ PRIOR APPLICATION NUMBER: 60/309,501
/ PRIOR FILING DATE: 2001-08-02
/ PRIOR APPLICATION NUMBER: 60/316,508
/ PRIOR FILING DATE: 2001-08-31
/ PRIOR APPLICATION NUMBER: 60/354,655
/ PRIOR FILING DATE: 2001-08-03
/ PRIOR APPLICATION NUMBER: 60/310,291
/ PRIOR FILING DATE: 2002-02-05
/ PRIOR APPLICATION NUMBER: 60/383,887
/ PRIOR FILING DATE: 2001-08-08
/ PRIOR APPLICATION NUMBER: 60/323,936
/ PRIOR FILING DATE: 2001-09-21
/ PRIOR APPLICATION NUMBER: 60/381,039
/ PRIOR FILING DATE: 2002-05-16
/ PRIOR APPLICATION NUMBER: 60/311,292
/ PRIOR FILING DATE: 2001-08-09
/ PRIOR APPLICATION NUMBER: 60/311,979
/ PRIOR FILING DATE: 2001-08-13
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 369
/ SOFTWARE: CuraSeqList version 0.1
/ SEQ ID NO 240
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-210-130-240
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Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 270 CTCCTCTCTCTCTCTCTCTCT 291
Db 1 CCTCTCTCTCTCTCTCTCTCT 22

RESULT 432
US-10-435-696-180
; Sequence 180, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnes, Marc
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
; FILE REFERENCE: Lea 36 108
; CURRENT APPLICATION NUMBER: US/10/435,696
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 180
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: MLT6
US-10-435-696-180

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4943 CACATGTATTCATCTGCTG 4964
Db 1 CACCATGAGCCCATCTGCTG 22

RESULT 433
US-10-701-283-20
; Sequence 20, Application US/10701283
; Publication No. US20040086931A1
; GENERAL INFORMATION:
; APPLICANT: Spaderna, Steven K
; APPLICANT: Quinn, Kerry E.
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Muralidhara, Padigaru
; APPLICANT: Spytek, Kimberly A.
; TITLE OF INVENTION: Polypeptides and Nucleic Acids Encoding Same
; FILE REFERENCE: 15966-620 CIP
; CURRENT APPLICATION NUMBER: US/10/701,283
; CURRENT FILING DATE: 2003-11-03
; PRIOR APPLICATION NUMBER: US/09/737,149
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/170,564
; PRIOR FILING DATE: 1999-12-14
; PRIOR APPLICATION NUMBER: 60/173,165
; PRIOR FILING DATE: 1999-12-27
; PRIOR APPLICATION NUMBER: 60/173,362
; PRIOR FILING DATE: 1999-12-27
; PRIOR APPLICATION NUMBER: 60/173,544
; PRIOR FILING DATE: 1999-12-29
; PRIOR APPLICATION NUMBER: 60/174,404
; PRIOR FILING DATE: 2000-01-04
; PRIOR APPLICATION NUMBER: 60/174,962

1 1994
; PRIOR FILING DATE: 2000-01-07
; PRIOR APPLICATION NUMBER: 60/223,929
; PRIOR FILING DATE: 2000-08-09
; NUMBER OF SEQ ID NOS: 49
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Ag1387 Forward Primer
US-10-701-283-20

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 6.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2305 CAGAAACATCATCAAAAAT 2326
Db 1 CTGAACCTTCATCCACACAT 22

RESULT 434
US-09-247-890-20/c
; Sequence 20, Application US/09247890
; Publication No. US20020198162A1
; GENERAL INFORMATION:
; APPLICANT: Funnomen, Juba
; APPLICANT: Baas, Steven H.
; APPLICANT: Whalen, Robert Gerald
; APPLICANT: Howard, Russell
; APPLICANT: Stemmer, Willem P.C.
; APPLICANT: Maxygen, Inc.
; TITLE OF INVENTION: Antigen Library Immunization
; FILE REFERENCE: 018097-028710US
; CURRENT APPLICATION NUMBER: US/09/247,890
; CURRENT FILING DATE: 1999-02-10
; EARLIER APPLICATION NUMBER: US 60/074,294
; EARLIER FILING DATE: 1998-02-11
; EARLIER APPLICATION NUMBER: US 60/105,509
; EARLIER FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: AYWSHREV primer
US-09-247-890-20

Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3181 AGCAGTGGAGACACTAGCAG 3202
Db 22 AGGATTGGAGACAAATAGCAG 1

RESULT 435
US-09-863-455-5
; Sequence 5, Application US/09863455
; Publication No. US20030064434A1
; GENERAL INFORMATION:
; APPLICANT: ARDATI, ALI
; APPLICANT: DELLA PENNA, KIMBERLY
; APPLICANT: ZILBERSTEIN, ASHER
; TITLE OF INVENTION: NOVEL G PROTEIN-COUPLED RECEPTOR, GAVEL
; FILE REFERENCE: 41391
; CURRENT APPLICATION NUMBER: US/09/863,455
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 16

```
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 5
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Synthetic
/ OTHER INFORMATION: oligonucleotide
/ -09-863-455-5

Query Match          0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      5026 GTGGGCTCTTGTTCAGGCT 5047
      1 GTGGGCTCTTGTTCAGGCT 22
      1 GTGGGCTCTTGTTCAGGCT 22

RESULT 436
US-10-140-293-7
/ Sequence 7, Application US/10140293
/ Publication No. US20030022833A1
/ GENERAL INFORMATION:
/ APPLICANT: CHEN, WEN Y.
/ APPLICANT: WAGNER, THOMAS E.
/ TITLE OF INVENTION: USE OF ANTI-PROLACTIN AGENTS TO TREAT PDLIFERATIVE
/ TITLE OF INVENTION: CONDITIONS
/ FILE REFERENCE: 035879/0109
/ CURRENT APPLICATION NUMBER: US/10/140,293
/ CURRENT FILING DATE: 2002-05-08
/ PRIOR APPLICATION NUMBER: US/09/246,041
/ PRIOR FILING DATE: 1999-02-05
/ NUMBER OF SEQ ID NOS: 42
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 7
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:
/ OTHER INFORMATION: Oligonucleotide
/ -10-140-293-7

Query Match          0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2367 CTGCTCAGAGAGAGAGAGC 2388
      1 CCGCTCCTAGAGAGATGAGAGC 22
      1 CCGCTCCTAGAGAGATGAGAGC 22

RESULT 437
US-10-334-488-91/c
/ Sequence 91, Application US/10334488
/ Publication No. US20030180763A1
/ GENERAL INFORMATION:
/ APPLICANT: INNOGENETICS N.V.
/ TITLE OF INVENTION: Method for typing of HLA alleles.
/ FILE REFERENCE: PCT99.86.HLA
/ CURRENT APPLICATION NUMBER: US/10/334,488
/ CURRENT FILING DATE: 2002-12-30
/ PRIOR APPLICATION NUMBER: US/09/673,809
/ PRIOR FILING DATE: 2000-10-20
/ PRIOR APPLICATION NUMBER: 98870088.6
/ PRIOR FILING DATE: 1998-04-20
/ NUMBER OF SEQ ID NOS: 107
/ SOFTWARE: Patentin Ver. 2.1
/ SEQ ID NO 91
/ LENGTH: 23
/ TYPE: DNA
/ ORGANISM: Homo sapiens
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```
US-10-334-488-91

Query Match          0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1239 CCGGCTCTCGTCACGTCCTC 1260
      23 CCGGCTCTCGTCACGTCCTC 2
      23 CCGGCTCTCGTCACGTCCTC 2

RESULT 438
US-10-367-438-300/c
/ Sequence 300, Application US/10367438
/ Publication No. US20030180773A1
/ GENERAL INFORMATION:
/ APPLICANT: COHEN, Daniel
/ APPLICANT: BLUMENFELD, Marla
/ APPLICANT: TCHOUMAKOV, Iliia
/ TITLE OF INVENTION: Biallelic markers for use in
/ TITLE OF INVENTION: constructing a high density disequilibrium map of
/ TITLE OF INVENTION: the human genome.
/ NUMBER OF SEQUENCES: 336
/ CORRESPONDENCE ADDRESS:
/ ADDRESS: Knobbe, Martens, Olson & Bear
/ STREET: 550 West C Street
/ CITY: San Diego
/ STATE: California
/ COUNTRY: USA
/ ZIP: 92101
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy Disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: Win95
/ SOFTWARE: Word
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/10/367,438
/ FILING DATE: 14-Feb-2003
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US/09/463,075A
/ FILING DATE: 14-Jan-2000
/ INFORMATION FOR SEQ ID NO: 300:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 23 base pairs
/ TYPE: NUCLEIC ACID
/ STRANDEDNESS: SINGLE
/ TOPOLOGY: LINEAR
/ MOLECULE TYPE: DNA
/ ORIGINAL SOURCE:
/ ORGANISM: Homo sapiens
/ FEATURE:
/ NAME/KEY: potential microsequencing oligo 99-2649-107.mis2
/ LOCATION: 1..23
/ SEQUENCE DESCRIPTION: SEQ ID NO: 300:
/ -10-367-438-300

Query Match          0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4061 CAGGACTGCCATGCACTGAAGC 4082
      23 CAGGACTGCCATGCACTGAAGC 2
      23 CAGGACTGCCATGCACTGAAGC 2

RESULT 439
US-10-383-317-20/c
/ Sequence 20, Application US/10383317
/ Publication No. US20040001849A1
/ GENERAL INFORMATION:
/ APPLICANT: Punnonen, Juha
/ APPLICANT: Baser, Steven H.
/ APPLICANT: Whalen, Robert Gerald
```

```
; APPLICANT: Howard, Russell
; APPLICANT: Stemmer, Willem P.C.
; APPLICANT: Maxygen, Inc.
; TITLE OF INVENTION: Antigen Library Immunization
; FILE REFERENCE: 018097-028710US
; CURRENT APPLICATION NUMBER: US/10/383,317
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US/09/247,890
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/074,294
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-02-11
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/105,509
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 20
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:AYWShREV primer
US-10-383-317-20

Query Match      0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3181 AGCAGTGGAGAGTCACTAGCAG 3202
DB      22 AGGATGGGAAGACATATAGCAG 1

RESULT 440
US-10-658-904-25/c
; Sequence 25, Application US/10658904
; Publication No. US20040048305A1
; GENERAL INFORMATION:
; APPLICANT: Kapeller-Libermann, Rosana
; TITLE OF INVENTION: 14171 Protein Kinase, A No. US20040048305A1el Human
; FILE REFERENCE: MP100-010P1RCP1M
; CURRENT APPLICATION NUMBER: US/10/658,904
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 09/781,882
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/182,096
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 25
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: siRNA anti-sense strand, complement of SEQ ID
; OTHER INFORMATION: NO:24, nucleotides 1-21 are ribonucleic acid,
; OTHER INFORMATION: nucleotides 22-23 are deoxyribonucleic acid.
US-10-658-904-25

Query Match      0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1531 ACAGAAATCTCTGACGCTCAT 1552
DB      23 AAAAGAACATCTGCACATCAT 2

RESULT 441
US-10-312-373-20/c
; Sequence 20, Application US/10312373
; Publication No. US20040072174A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Boehm, Thomas
; APPLICANT: Dear, Neil T
; TITLE OF INVENTION: CALPAIN PROTEASE 12
; FILE REFERENCE: RXG-0010US
; CURRENT APPLICATION NUMBER: US/10/312,373
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: PCT/EP01/07457
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: DE 10031932.7
; PRIOR FILING DATE: 2000-06-30
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 20
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence: Capns-Primer
US-10-312-373-20

Query Match      0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1147 CCACACTGCTCTGCAAGAGACT 1168
DB      23 CCACAGTCTCTGCGAGCGGCT 2

RESULT 442
US-10-343-319-4/c
; Sequence 4, Application US/10343319
; Publication No. US20040072242A1
; GENERAL INFORMATION:
; APPLICANT: Hunter, Neil
; APPLICANT: Jacques, Nicholas A.
; APPLICANT: Martin, Fjelda E.
; APPLICANT: Nardkani, Mangala A.
; TITLE OF INVENTION: A METHOD OF DETECTING MICROORGANISMS
; FILE REFERENCE: DAV1139.002APC
; CURRENT APPLICATION NUMBER: US/10/343,319
; PRIOR FILING DATE: 2003-09-17
; PRIOR APPLICATION NUMBER: PCT/AU01/00933
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: AU PQ9090/2000
; PRIOR FILING DATE: 2000-07-28
; NUMBER OF SEQ ID NOS: 106
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer.
US-10-343-319-4

Query Match      0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 6.9e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2498 GATGAAGTACACTTGCTTCC 2519
DB      22 GCTGAATGCACTTACTTCC 1

RESULT 443
US-09-920-552-37
; Sequence 37, Application US/09920552
; Patent No. US20020094576A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, David J.
; APPLICANT: Weiss, Robin A.
```

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/ APPLICANT: Venables, Patrick
/ TITLE OF INVENTION: Material and Methods Relating to a No. US20020094576A1el Retrovir
/ FILE REFERENCE: Abbott Labs
/ CURRENT APPLICATION NUMBER: US/09/920,552
/ CURRENT FILING DATE: 2001-08-01
/ PRIOR APPLICATION NUMBER: 09/280,329
/ PRIOR FILING DATE: 1999-03-29
/ PRIOR APPLICATION NUMBER: GB 9806649.1
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/115,288
/ PRIOR FILING DATE: 1999-01-08
/ NUMBER OF SEQ ID NOS: 127
/ SOFTWARE: FastSeq for Windows Version 3.0
/ SEQ ID NO 37
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Primer
US-09-920-552-37
```

```
Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      3166 GCCACGACCCCGATGAGCAGTGTG 3187
Db      1  GCCATGACACCATTCAGAGATGTG 22
```

```
RESULT 444
US-09-777-732-20
/ Sequence 20, Application US/09777732
/ Patent No. US20020132235A1
/ GENERAL INFORMATION:
/ APPLICANT: Avallinsson, Yinyos
/ APPLICANT: Ma, Naili
/ APPLICANT: Strom, Terry
/ APPLICANT: Soares, Miguel C.
/ APPLICANT: Perran, Christiane
/ APPLICANT: Manikam, Suchanthiran
/ TITLE OF INVENTION: MEASUREMENT OF PROTECTIVE GENES IN ALLOGRAFT REJECTION
/ FILE REFERENCE: 01948-059001
/ CURRENT APPLICATION NUMBER: US/09/777,732
/ CURRENT FILING DATE: 2001-02-06
/ NUMBER OF SEQ ID NOS: 41
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 20
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetically generated primer
US-09-777-732-20
```

```
Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      1859 CACCCAGAGAGACCCCTGAGT 1880
Db      3  CACACAGAGAGGCGCTCCAGAGT 24
```

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RESULT 445
US-09-978-295A-573/c
/ Sequence 573, Application US/09978295A
/ Patent No. US20020156006A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
```

```
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Guiney, Auecin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C11
/ CURRENT APPLICATION NUMBER: US/09/978,295A
/ CURRENT FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/06364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/07641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/07886
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078936
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/078939
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079664
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079689
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079663
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079786
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079920
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;; PRIOR FILING DATE: 1998-03-30
;; PRIOR APPLICATION NUMBER: 60/079923
;; PRIOR FILING DATE: 1998-03-30
;; PRIOR APPLICATION NUMBER: 60/080105
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080107
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080165
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080194
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080327
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080328
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080333
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080334
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/081070
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081049
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081071
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081195
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081203
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081229
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081955
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081817
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081819
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081952
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081838
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/082568
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082569
;; PRIOR FILING DATE: 1998-04-21
;; PRIOR APPLICATION NUMBER: 60/082704
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082804
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082700
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082796
;; PRIOR FILING DATE: 1998-04-23
;; PRIOR APPLICATION NUMBER: 60/083336
;; PRIOR FILING DATE: 1998-04-27
;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29

;; APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
;; PRIOR FILING DATE: 1998-05-05
;; PRIOR APPLICATION NUMBER: 60/084414
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084441
;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084639
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084598
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGGAGGACACAGCGGA 841
Db 22 TGGAGGAGGAGGAGGAGGAGGA 1

RESULT 446
US-09-978-697-573/c
Sequence 573, Application US/09978697
Patent No. US20020169284A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Guirney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijewski, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Williams, Daniel
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC27
CURRENT APPLICATION NUMBER: US/09/978,697
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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Query Match 0.3%; Score 15.6; DB 1; Length 24;
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 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAGGAGACACGCGGA 841
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RESULT 447
 US-09-978-192A-573/C
 ; Sequence 573, Application US/09978192A
 ; Patent No. US2002017553A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Ashkenazi, Avi
 ; APPLICANT: Baker Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Deenoyers, Luc
 ; APPLICANT: Eaton, Dan
 ; APPLICANT: Ferrara, Napoleon
 ; APPLICANT: Filvaroff, Ellen
 ; APPLICANT: Fong, Sherman
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 ; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.
 ; APPLICANT: Pan, James;
 ; APPLICANT: Paoni, Nicholas F.
 ; APPLICANT: Roy, Margaret Ann
 ; APPLICANT: Shelton, David L.
 ; APPLICANT: Stewart, Timothy A.
 ; APPLICANT: Tuma, Daniel
 ; APPLICANT: Williams, P. Mickey
 ; APPLICANT: Wood, William I.
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2630PIC9
 ; CURRENT FILING DATE: 2001-10-15
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Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAGAGGACAGCGCA 841
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RESULT 448
US-09-999-832A-573/c
; Sequence 573, Application US/09999832A
; Publication No. US20020192706A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvarolf, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
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; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P26301C63
 CURRENT APPLICATION NUMBER: US/09/999,832A
 CURRENT FILING DATE: 2001-10-24
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 PRIOR FILING DATE: 2001-07-30
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 PRIOR APPLICATION NUMBER: 60/083545
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083554
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083558
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083559
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083500
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083742
 PRIOR FILING DATE: 1998-04-30
 PRIOR APPLICATION NUMBER: 60/084366
 PRIOR FILING DATE: 1998-05-05
 PRIOR APPLICATION NUMBER: 60/084414
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084441
 PRIOR FILING DATE: 1998-05-06
 PRIOR APPLICATION NUMBER: 60/084637
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084639
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084640
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084598
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084600

Query Match 0.34; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.84; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGAGGACACAGCGGA 841
Db 22 TGGAGGAGGAGGACGAGGAGGA 1

RESULT 449
US-09-978-189-573/c
Sequence 573, Application US/09978189
Publication No. US20030004102A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Batton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1c7
CURRENT APPLICATION NUMBER: US/09/978,189
CURRENT FILING DATE: 2001-10-15

PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/07450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/07632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/07791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
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PRIOR APPLICATION NUMBER: 60/078936
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PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
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PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
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PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
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PRIOR APPLICATION NUMBER: 60/080334
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PRIOR APPLICATION NUMBER: 60/081049
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PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203

PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229
PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081817
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081819
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PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081838
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PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21
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PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13

PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 820 TGGAGGAGGAGACACAGCGA 841
DB 22 TGGAGGAGGAGGAGGAGGAGA 1

RESULT 450
US-09-978-608A-573/c
Sequence 573, Application US/09978608A
Publication No. US2003045462A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Batou, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Grimaldi, Paul J.
APPLICANT: Guiney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavyn, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC22
CURRENT APPLICATION NUMBER: US/09/978,608A
NUMBER OF SEQ. ID NOS: 624
Prior Application removed - See file wrapper or Palm
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

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/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-608A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAGAGGACACAGCGCA 841
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Db      22 TGGAGGAGAGGACGCGAGGAGA 1

RESULT 451
US-09-978-585A-573/c
; Sequence 573, Application US/09978585A
; Publication No. US20030049633A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC15
; CURRENT APPLICATION NUMBER: US/09/978,585A
; CURRENT FILING DATE: 2001-10-16
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-585A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAGAGGACACAGCGCA 841
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Db      22 TGGAGGAGAGGACGCGAGGAGA 1

RESULT 452
US-09-978-191A-573/c
; Sequence 573, Application US/09978191A
; Publication No. US20030050239A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC4
; CURRENT APPLICATION NUMBER: US/09/978,191A
; CURRENT FILING DATE: 2001-10-15
; Prior Application NUMBER: 09/918585
; Prior FILING DATE: 2001-07-30
; Prior Application NUMBER: 60/062250
; Prior FILING DATE: 1997-10-17
; Prior Application NUMBER: 60/064249
; Prior FILING DATE: 1997-11-03
; Prior Application NUMBER: 60/065311
; Prior FILING DATE: 1997-11-13
; Prior Application NUMBER: 60/066364
; Prior FILING DATE: 1997-11-21
; Prior Application NUMBER: 60/077450
; Prior FILING DATE: 1998-03-10
; Prior Application NUMBER: 60/077632
; Prior FILING DATE: 1998-03-11
; Prior Application NUMBER: 60/077641
; Prior FILING DATE: 1998-03-11
; Prior Application NUMBER: 60/077649
; Prior FILING DATE: 1998-03-11
; Prior Application NUMBER: 60/077791
; Prior FILING DATE: 1998-03-12
; Prior Application NUMBER: 60/078004
; Prior FILING DATE: 1998-03-13
; Prior Application NUMBER: 60/078886
; Prior FILING DATE: 1998-03-20
; Prior Application NUMBER: 60/078936
; Prior FILING DATE: 1998-03-20
; Prior Application NUMBER: 60/078910
; Prior FILING DATE: 1998-03-20
; Prior Application NUMBER: 60/078939
; Prior FILING DATE: 1998-03-20
; Prior Application NUMBER: 60/079294
; Prior FILING DATE: 1998-03-25
; Prior Application NUMBER: 60/079656
; Prior FILING DATE: 1998-03-26
; Prior Application NUMBER: 60/079664
; Prior FILING DATE: 1998-03-27
; Prior Application NUMBER: 60/079689
; Prior FILING DATE: 1998-03-27
; Prior Application NUMBER: 60/079663
; Prior FILING DATE: 1998-03-27
; Prior Application NUMBER: 60/079728
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;; PRIOR FILING DATE: 1998-03-27
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;; PRIOR APPLICATION NUMBER: 60/080107
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080165
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080194
;; PRIOR FILING DATE: 1998-03-31
;; PRIOR APPLICATION NUMBER: 60/080327
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080328
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080333
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;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/081070
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081049
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081071
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081195
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081203
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081229
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081955
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081817
;; PRIOR FILING DATE: 1998-04-15
;; PRIOR APPLICATION NUMBER: 60/081819
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;; PRIOR APPLICATION NUMBER: 60/082804
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;; PRIOR FILING DATE: 1998-04-22
;; PRIOR APPLICATION NUMBER: 60/082797
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;; PRIOR FILING DATE: 1998-04-23
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;; PRIOR APPLICATION NUMBER: 60/083322
;; PRIOR FILING DATE: 1998-04-28
;; PRIOR APPLICATION NUMBER: 60/083392
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083495
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083496
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083499
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083545
;; PRIOR FILING DATE: 1998-04-29

;; PRIOR APPLICATION NUMBER: 60/083554
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083558
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083559
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083500
;; PRIOR FILING DATE: 1998-04-29
;; PRIOR APPLICATION NUMBER: 60/083742
;; PRIOR FILING DATE: 1998-04-30
;; PRIOR APPLICATION NUMBER: 60/084366
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;; PRIOR FILING DATE: 1998-05-06
;; PRIOR APPLICATION NUMBER: 60/084637
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;; PRIOR FILING DATE: 1998-05-07
;; PRIOR APPLICATION NUMBER: 60/084640
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;; PRIOR APPLICATION NUMBER: 60/084598
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;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085338
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085323
;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
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;; PRIOR APPLICATION NUMBER: 60/085573
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;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGAAGGAAGGACACAGCGGA 841
Db 22 TGAAGGAAGGACGAGGAGAGA 1

RESULT 453
US-09-978-403A-573/c
; Sequence 573, Application US/09978403A
; Publication No. US20030050240A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C17
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
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 PRIOR APPLICATION NUMBER: 60/085580
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085573
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
 Best Local Similarity 81.8%; Pred. No. 7.3e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAGGACACAGCGA 841
 DB 22 TGGAGGAAGGACGAGAGAGA 1

RESULT 454
 US-09-978-564A-573/C
 Sequence 573, Application US/0978564A
 Publication No. US20030050241A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker, Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Deenoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gettsen, Mary B.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavlin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630P1C25
 CURRENT APPLICATION NUMBER: US/09/978,564A
 CURRENT FILING DATE: 2001-10-16
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
 PRIOR FILING DATE: 1997-11-03
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/ PRIOR FILING DATE: 1998-04-01
/ PRIOR APPLICATION NUMBER: 60/080328
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/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGGACACAGCGCA 841
Db 22 TGGAGGAGGAGCGACGAGCGAGA 1

RESULT 455
US-09-999-833A-573/c
/ Sequence 573, Application US/09999833A
/ Publication No. US20030054405A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Flvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Geritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austen L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James J.
/ APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630PIC55
 CURRENT APPLICATION NUMBER: US/09/399, 833A
 CURRENT FILING DATE: 2001-10-24
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;

Best Local Similarity 81.8%; Pred. No. 7, 3e+02; Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 820 TGGAGGAAGAGACACAGCGGA 841

Db 22 TGGAGGAAGAGCGGACGAGGAGA 1

RESULT 456
US-09-981-915A-573/c
; Sequence 573, Application US/09981915A
; Publication No. US20030054986A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

;; TITLE OF INVENTION: Acids Encoding the Same
;; FILE REFERENCES: P2630P1C12
;; CURRENT APPLICATION NUMBER: US/09/981,915A
;; CURRENT FILING DATE: 2001-10-16
;; PRIOR APPLICATION NUMBER: 09/918585
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;; PRIOR APPLICATION NUMBER: 60/081070
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PRIOR FILING DATE: 1998-04-08
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 PRIOR APPLICATION NUMBER: 60/083496
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 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083558
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 PRIOR APPLICATION NUMBER: 60/083500
 PRIOR FILING DATE: 1998-04-29
 PRIOR APPLICATION NUMBER: 60/083742
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 PRIOR APPLICATION NUMBER: 60/084441
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 PRIOR APPLICATION NUMBER: 60/084639
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084640
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084598
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084600
 PRIOR FILING DATE: 1998-05-07
 PRIOR APPLICATION NUMBER: 60/084627
 PRIOR FILING DATE: 1998-05-07

APPLICATION NUMBER: 60/084643
 FILING DATE: 1998-05-07
 APPLICATION NUMBER: 60/085339
 FILING DATE: 1998-05-13
 APPLICATION NUMBER: 60/085338
 FILING DATE: 1998-05-13
 APPLICATION NUMBER: 60/085323
 FILING DATE: 1998-05-13
 APPLICATION NUMBER: 60/08582
 FILING DATE: 1998-05-15
 APPLICATION NUMBER: 60/085700
 FILING DATE: 1998-05-15
 APPLICATION NUMBER: 60/085689
 FILING DATE: 1998-05-15
 APPLICATION NUMBER: 60/085579
 FILING DATE: 1998-05-15
 APPLICATION NUMBER: 60/085580
 FILING DATE: 1998-05-15
 APPLICATION NUMBER: 60/085573
 FILING DATE: 1998-05-15
 APPLICATION NUMBER: 60/085704
 FILING DATE: 1998-05-15
 APPLICATION NUMBER: 60/085697

Query Match 0.3% Score 15.6; DB 1; Length 24;
 Best Local Similarity 81.8%; Pred. No. 7.3e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAGAGGACAGCGGCA 841
 Db 22 TGGAGGAGAGGACAGCGGCA 1

RESULT 457
 US-09-978-824-573/C
 Sequence 573, Application US/09978824
 Publication No. US20030055216A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Flivartoff, Ellen
 APPLICANT: Gong, Sherman
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gottard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavlin, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tuma, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P2630P1C14
 CURRENT APPLICATION NUMBER: US/09/978,824
 CURRENT FILING DATE: 2001-10-17
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250

[illegible]

PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 820 TGGAGGAAGGACACAGCGCA 841
Db 22 TGGAGGAAGGACGAGCGAGAGA 1

RESULT 458
US-09-918-5854-573/c
Sequence 573, Application US/09918585A
Publication No. US20030060406A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertsens, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Goddard, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavan, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C1
CURRENT APPLICATION NUMBER: US/09/918, 585A
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632
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PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
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;; PRIOR APPLICATION NUMBER: 60/085697
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/086023

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TCGAGGAGAGGACACAGCGGA 841
Db 22 TCGAGGAGAGGACGAGCGAGA 1

RESULT 459
US-09-999-834A-573/C
; Sequence 573, Application US/0999834A
; Publication No. US20030064407A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvarolf, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C75
; CURRENT APPLICATION NUMBER: US/09/999,834A
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649

;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAGGAGACACAGCGGA 841
Db 22 TGGAGGAGGAGCGAGCGAGA 1

RESULT 460
US-09-978-423A-573/c
; Sequence 573, Application US/09978423A
; Publication No. US2003069178A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gunney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C21
; CURRENT APPLICATION NUMBER: US/09/978,423A
; CURRENT FILING DATE: 2002-05-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20

;; PRIOR APPLICATION NUMBER: 60/078936
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/078939
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079664
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079689
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079663
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079786
;; PRIOR FILING DATE: 1998-03-27
;; PRIOR APPLICATION NUMBER: 60/079920
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 PRIOR APPLICATION NUMBER: 60/085704
 PRIOR FILING DATE: 1998-05-15
 PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
 Best Local Similarity 81.8%; Pred. No. 7.3e+02;
 Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 820 TGGAGGAGAGACAGACGCA 841
 Db 22 TGGAGGAGAGAGAGAGAGCA 1
 RESULT 461
 US-09-978-193A-573/c
 Sequence 573, Application US/09978193A
 Publication No. US2003007362A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Garber, Hanspeter
 APPLICANT: Gerltsen, Mary E.
 APPLICANT: Goddard, Audrey
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, J. Christopher
 APPLICANT: Guiney, Austin L.
 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavyn, Ivar J.
 APPLICANT: Kuo, Sophia S.
 APPLICANT: Napier, Mary A.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630Pic6
 CURRENT APPLICATION NUMBER: US/09/978,193A
 CURRENT FILING DATE: 2002-02-21
 PRIOR APPLICATION NUMBER: 09/918585
 PRIOR FILING DATE: 2001-07-30
 PRIOR APPLICATION NUMBER: 60/062250
 PRIOR FILING DATE: 1997-10-17
 PRIOR APPLICATION NUMBER: 60/064249
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61 PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3% Score 15.6; DB 1; Length 24;
Best local similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 820 TGGAGAGAGAGACACAGCGA 841
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RESULT 462
US-09-999-830A-573/C

Sequence 573, Application US/09999830A
 Publication No. US2003007700A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Baker Kevin P.
 APPLICANT: Botstein, David
 APPLICANT: Deenoyers, Luc
 APPLICANT: Eaton, Dan
 APPLICANT: Ferrara, Napoleon
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 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
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 APPLICANT: Godowski, Paul J.
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 APPLICANT: Hillan, Kenneth J.
 APPLICANT: Kijavini, Ivar J.
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 APPLICANT: Roy, Margaret Ann
 APPLICANT: Shelton, David L.
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P2630P1C70
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAGAGACACAGCGGA 841
Db 22 TGGAGGAAGAGCGGACGAGGAGA 1

RESULT 463
US-09-978-757A-573/c
; Sequence 573, Application US/09978757A
; Publication No. US2003083248A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc

;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerlitsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kijavlin, Ivar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, James
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann
;; APPLICANT: Shelton, David L.
;; APPLICANT: Stewart, Timothy A.
;; APPLICANT: Tumas, Daniel
;; APPLICANT: Williams, P. Mickey
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
;; FILE OF INVENTION: Acids Encoding the Same
;; FILE REFERENCE: P2630PIC26
;; CURRENT APPLICATION NUMBER: US/09/978,757A
;; CURRENT FILING DATE: 2002-03-19
;; PRIOR APPLICATION NUMBER: 09/918585
;; PRIOR FILING DATE: 2001-07-30
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAGGAGGACACAGCGGA 841
Dd 22 TGGAGGAGGAGGACGCGAGGAGA 1

RESULT 464
US-09-940-185-1743
; Sequence 1743, Application US/09940185
; Publication No. US2003096239A1
; GENERAL INFORMATION:
; APPLICANT: Gunderson, Kevin
; APPLICANT: Chee, Mark
; TITLE OF INVENTION: Probes and Decoder Oligonucleotides
; FILE REFERENCE: A-69605-1
; CURRENT APPLICATION NUMBER: US/09/940,185
; PRIOR FILING DATE: 2001-08-27
; PRIOR APPLICATION NUMBER: US 60/227,948
; PRIOR FILING DATE: 2000-08-25
; PRIOR APPLICATION NUMBER: US 60/228,854
; PRIOR FILING DATE: 2000-08-29
; NUMBER OF SEQ ID NOS: 4768

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/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 1743
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Computer Generated Probe Sequence.
US-09-940-185-1743

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2906 CCAGCAGATCCTCATCAGCATC 2927
Db      2 CCGGCGCATCCTCATAGCAGAC 23

RESULT 465
US-09-978-187B-573/c
/ Sequence 573, Application US/09978187B
/ Publication No. US2003096744A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gertsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Grimaldi, Paul J.
/ APPLICANT: Hillan, Austlin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Thomas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ TITLE OF INVENTION: Acids Encoding the Same
/ FILE REFERENCE: P2630P1C5
/ CURRENT APPLICATION NUMBER: US/09/978,187B
/ PRIOR FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/918565
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
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/ PRIOR FILING DATE: 1998-03-10
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15

; PRIOR APPLICATION NUMBER: 60/085697
Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Oy 820 TGGAGGAGGAGGACACAGCGGA 841
Db 22 TGGAGGAGGAGGAGGAGCGAGGA 1
RESULT 466
US-09-778-013-20
; Sequence 20; Application US/09778013
; Publication No. US20030104371A1
; GENERAL INFORMATION:
; APPLICANT: Strom, Terry B.
; APPLICANT: Suthanthiran, Manikkam
; APPLICANT: Vasconcellos, Lauro
; TITLE OF INVENTION: METHOD OF EVALUATING TRANSPLANT REJECTION
; FILE REFERENCE: 01948-061001
; CURRENT APPLICATION NUMBER: US/09/778.013
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US 60/199,327
; PRIOR FILING DATE: 2000-04-24
; PRIOR APPLICATION NUMBER: US 60/240,735
; PRIOR FILING DATE: 2000-10-16
; PRIOR APPLICATION NUMBER: US 60/240,735
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: US 60/238,718
; PRIOR FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: US 08/937,063
; PRIOR FILING DATE: 1997-09-24
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: antisense oligonucleotide primer
US-09-778-013-20
Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Oy 1859 CACCAAGAGGACCCCTGAGT 1880
Db 3 CACCAAGAGGAGGCTCCAGAGT 24
RESULT 467
US-09-978-643A-573/c
; Sequence 573; Application US/09978643A
; Publication No. US20030104998A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.

```
/ APPLICANT: Kijavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C16
/ CURRENT APPLICATION NUMBER: US/09/978,643A
/ NUMBER OF SEQ ID NOS: 624
/ Prior Application removed - See File Wrapper or Palm
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-643A-573
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Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      820 TGGAGGAGAGGACACAGCGGA 841
Db      22 TGGAGGAGAGGAGCGAGGAGAGA 1
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RESULT 468
US-09-978-375A-573/c
/ Sequence 573, Application US/09978375A
/ Publication No. US20030130181A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austen L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kijavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C16
/ CURRENT APPLICATION NUMBER: US/09/978,375A
/ CURRENT FILING DATE: 2002-04-19
/ Prior Application removed - See File Wrapper or Palm
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/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-978-375A-573
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Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      820 TGGAGGAGAGGACACAGCGGA 841
Db      22 TGGAGGAGAGGAGCGAGGAGAGA 1
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RESULT 469
US-09-978-298A-573/c
/ Sequence 573, Application US/09978298A
/ Publication No. US20030134785A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austen L.
/ APPLICANT: Hillan, Kenneth J
/ APPLICANT: Kijavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630P1C2
/ CURRENT APPLICATION NUMBER: US/09/978,298A
/ CURRENT FILING DATE: 2001-10-15
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
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/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.34; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.84; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGGAGACACAGCGGA 841
DB 22 TGGAGGAGGAGACGAGGAGGA 1

RESULT 470
US-09-978-188A-573/C
; Sequence 573, Application US/09978188A
; Publication No. US20030139328A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Guiney, Austen L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C8
; CURRENT APPLICATION NUMBER: US/09/978,188A
; CURRENT FILING DATE: 2001-10-15
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Query Match 0.3%; Score 15.6; DB 1; Length 24;
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Db 22 TGGAGGAGGAGGAGGAGA 1
RESULT 471
US-09-978-681A-573/c
Sequence 573, Application US/09978681A
Publication No. US20030195148A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Garber, Hanspeter
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APPLICANT: Godowski, Paul J.
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APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OR INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C18
CURRENT APPLICATION NUMBER: US/09/978, 681A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
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Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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RESULT 472
US-09-978-194A-573/C
; Sequence 573, Application US/09978194A

Publication No. US2003019533A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
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APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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FILE REFERENCE: P2630P1C10
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/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085573
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085704
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/085697
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```
Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      820 TGGAGGAGGAGCAGCAGCGGA 841
DB      22 TGGAGGAGGAGCAGCAGCGGA 1
```

RESULT 473

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US-09-999-829A-573/C
/ Sequence 573, Application US/09999829A
/ Publication No. US20030195344A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
```

```
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltzen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC61
/ CURRENT FILING DATE: 2002-03-19
/ NUMBER OF SEQ ID NOS: 624
/ Prior Application removed - See File Wrapper or Palm
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
/ US-09-999-829A-573
```

```
Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY      820 TGGAGGAGGAGCAGCAGCGGA 841
DB      22 TGGAGGAGGAGCAGCAGCGGA 1
```

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RESULT 474
US-09-978-299A-573/C
/ Sequence 573, Application US/09978299A
/ Publication No. US20030199435A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerltzen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
```


APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C3
CURRENT APPLICATION NUMBER: US/09/978,299A
PRIOR FILING DATE: 2001-10-15
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
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PRIOR APPLICATION NUMBER: 60/078939
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PRIOR APPLICATION NUMBER: 60/080194
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PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080333
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334

PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081203
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PRIOR APPLICATION NUMBER: 60/082804
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PRIOR APPLICATION NUMBER: 60/082797
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PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
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PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
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PRIOR FILING DATE: 1998-04-29
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PRIOR APPLICATION NUMBER: 60/084414
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PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07

PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-07
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PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAAGGACACAGCGGA 841
DB 22 TGGAGGAAAGGACGAGGAGA 1

RESULT 475

US-09-978-544A-573/C
Sequence 573, Application US/09978544A
Publication No. US20030199436A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Nadler, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC13
CURRENT APPLICATION NUMBER: US/09/978,544A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
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PRIOR FILING DATE: 1998-03-30
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PRIOR FILING DATE: 1998-03-31
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PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
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PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08

;; PRIOR APPLICATION NUMBER: 60/081195
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/081203
;; PRIOR FILING DATE: 1998-04-09
;; PRIOR APPLICATION NUMBER: 60/081229
;; PRIOR FILING DATE: 1998-04-09
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;; PRIOR FILING DATE: 1998-04-22
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;; PRIOR FILING DATE: 1998-04-22
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TCGAGGAAGAGCAGCGCCA 841
DB 22 TCGAGGAAGAGCAGCGAGA 1

RESULT 476
US-09-978-665A-573/c
Sequence 573, Application US/09978665A
Publication No. US20030199437A1
GENERAL INFORMATION:
APPLICANT: Aebkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Geider, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C19
CURRENT APPLICATION NUMBER: US/09/978,665A
CURRENT FILING DATE: 2001-10-16
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17


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; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAGGAGACAGGCGA 841
Db      22 TGGAGGAGGAGGAGCGAGGAGA 1

RESULT 477
US-09-978-802A-573/c
; Sequence 573, Application US/0978802A
; Publication No. US20030199674A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Ealon, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertslen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C20
; CURRENT APPLICATION NUMBER: US/09/978, 802A
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
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; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
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; PRIOR FILING DATE: 1998-03-11
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; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
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; PRIOR APPLICATION NUMBER: 60/079663
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; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
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; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
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PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082568
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PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
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PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
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PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
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PRIOR FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-07
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579

PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAGAGGACACAGGCGA 841
Db 22 TGGAGGAGGAGGACGAGGAGCA 1

RESULT 478
US-09-999-831A-573/c
Sequence 573, Application US/09999831A
Publication No. US20040048332A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gueney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PLC68
CURRENT APPLICATION NUMBER: US/09/999,831A
CURRENT FILING DATE: 2002-03-25
NUMBER OF SEQ ID NOS: 624
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-999-831A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAGAGGACACAGGCGA 841
Db 22 TGGAGGAGGAGGACGAGGAGCA 1

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RESULT 479
US-10-017-081A-573/C
; Sequence 573, Application US/10017081A
; Publication No. US20030049684A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottlieb, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gunney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Peoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C69
; CURRENT APPLICATION NUMBER: US/10/017, 081A
; PRIORITY FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-081A-573

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGGAGCAGACGCGA 841
DB      22 TGGAGGAAGGAGCAGACGAGAGA 1

RESULT 480
US-10-167-749-573/C
; Sequence 573, Application US/10167749
; Publication No. US20030056137A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gottlieb, Mary E.
```

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; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gunney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Peoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C60
; CURRENT APPLICATION NUMBER: US/10/167, 749
; PRIORITY FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-167-749-573

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGGAGCAGACGCGA 841
DB      22 TGGAGGAAGGAGCAGACGAGAGA 1

RESULT 481
US-10-013-921A-573/C
; Sequence 573, Application US/10013921A
; Publication No. US2003006848A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
```

APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C94
CURRENT APPLICATION NUMBER: US/10/013,921A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
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PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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PRIOR FILING DATE: 1998-03-31
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PRIOR APPLICATION NUMBER: 60/080194
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PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
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PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
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PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
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PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.33; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAGGACACAGCGA 841
Db 22 TGGAGGAGGAGCGAGGAGA 1

RESULT 482
US-10-013-929A-573/c
Publication No. US20030072745A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botsstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J
APPLICANT: Kijavrin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OR INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC89
CURRENT APPLICATION NUMBER: US/10/013,929A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 60/078886
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
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PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
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PRIOR APPLICATION NUMBER: 60/079923
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PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31

;; PRIOR APPLICATION NUMBER: 60/080327
;; PRIOR FILING DATE: 1998-04-01
;; PRIOR APPLICATION NUMBER: 60/080328
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;; PRIOR APPLICATION NUMBER: 60/081071
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;; PRIOR FILING DATE: 1998-04-08
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;; PRIOR APPLICATION NUMBER: 60/082804
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;; PRIOR FILING DATE: 1998-05-13
;; PRIOR APPLICATION NUMBER: 60/085582
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085700
;; PRIOR FILING DATE: 1998-05-15
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;; PRIOR APPLICATION NUMBER: 60/085579
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085573
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TCGAGGAGAGGACGAGCGGA 841
|||||
Db 22 TCGAGGAGGAGGACGAGCGGA 1

RESULT 483
US-10-016-177A-573/C
; Sequence 573, Application US/10016177A
; Publication No. US20030073131A1
GENERAL INFORMATION:

;; APPLICANT: Aahkenazi, Avi
;; APPLICANT: Baker Kevin P.
;; APPLICANT: Botstein, David
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Eaton, Dan
;; APPLICANT: Ferrara, Napoleon
;; APPLICANT: Filvaroff, Ellen
;; APPLICANT: Fong, Sherman
;; APPLICANT: Gao, Wei-Qiang
;; APPLICANT: Gerber, Hanspeter
;; APPLICANT: Gerlitsen, Mary E.
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Hillan, Kenneth J.
;; APPLICANT: Kilavin, Iyar J.
;; APPLICANT: Kuo, Sophia S.
;; APPLICANT: Napier, Mary A.
;; APPLICANT: Pan, Jamesi
;; APPLICANT: Paoni, Nicholas F.
;; APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secured and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC90
CURRENT APPLICATION NUMBER: US/10/016,177A
Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-016-177A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAAGAGACACAGCGA 841
Db 22 TGGAGGAAGAGACGAGAGAGA 1

RESULT 484
US-10-166-709A-573/c
Sequence 573, Application US/10166709A
Publication No. US20030104536A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secured and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC90
CURRENT APPLICATION NUMBER: US/10/166,709A
Prior application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-016-177A-573

Prior Filing Date: 1997-11-13
Prior Application Number: 60/066364
Prior Filing Date: 1997-11-21
Prior Application Number: 60/077450
Prior Filing Date: 1998-03-10
Prior Application Number: 60/077632
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077641
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077649
Prior Filing Date: 1998-03-11
Prior Application Number: 60/077791
Prior Filing Date: 1998-03-12
Prior Application Number: 60/078004
Prior Filing Date: 1998-03-13
Prior Application Number: 60/078886
Prior Filing Date: 1998-03-20
Prior Application Number: 60/078936
Prior Filing Date: 1998-03-20
Prior Application Number: 60/078910
Prior Filing Date: 1998-03-20
Prior Application Number: 60/078939
Prior Filing Date: 1998-03-20
Prior Application Number: 60/079294
Prior Filing Date: 1998-03-25
Prior Application Number: 60/079656
Prior Filing Date: 1998-03-26
Prior Application Number: 60/079664
Prior Filing Date: 1998-03-27
Prior Application Number: 60/079689
Prior Filing Date: 1998-03-27
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Prior Application Number: 60/081195
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Prior Filing Date: 1998-04-09
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Prior Filing Date: 1998-04-15
Prior Application Number: 60/081817
Prior Filing Date: 1998-04-15

;; PRIOR APPLICATION NUMBER: 60/081819
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;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085704
;; PRIOR FILING DATE: 1998-05-15
;; PRIOR APPLICATION NUMBER: 60/085697
QY 820 TCGAGGAGGAGCAGCGCA 841
Db 22 TCGAGGAGGAGCAGCGAGCA 1
RESULT 485
US-10-143-031A-573/C
Sequence 573, Application US/10143031A
Publication No. US20030138439A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630PIC39
CURRENT APPLICATION NUMBER: US/10/143,031A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11

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; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-031A-573

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TCGAGGAGGAGGACACAGCGGA 841
Db      22 TCGAGGAGGAGGAGGACGAGGAGA 1

RESULT 486
US-10-143-030A-573/C
; Sequence 573, Application US/10143030A
; Publication No. US20030147901A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertelsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C33
; CURRENT APPLICATION NUMBER: US/10/143, 030A
; CURRENT FILING DATE: 2002-08-27
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
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; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-030A-573

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TCGAGGAGGAGGACACAGCGGA 841
Db      22 TCGAGGAGGAGGAGGACGAGGAGA 1

RESULT 487
US-10-188-869-24/C
; Sequence 24, Application US/10188869
; Publication No. US20030148306A1
; GENERAL INFORMATION:
; APPLICANT: LAVALLIE, EDWARD
; APPLICANT: RACIE, LISA
; APPLICANT: DIBLASIO, ELIZABETH
; APPLICANT: AGOSTINO, MICHAEL
; TITLE OF INVENTION: AGGRECANASE MOLECULES
; FILE REFERENCE: 08702.0092-00000
; CURRENT APPLICATION NUMBER: US/10/188, 869
; CURRENT FILING DATE: 2002-07-05
; PRIOR APPLICATION NUMBER: 60/349, 133
; PRIOR FILING DATE: 2002-01-16
; PRIOR APPLICATION NUMBER: 60/303, 051
; PRIOR FILING DATE: 2001-06-05
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 24
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-188-869-24

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      1945 CAGTCGCATCCACAGCTCTG 1966
Db      22 CAGTCGCATCCACAGCTCTCG 1

RESULT 488
US-10-002-967A-573/C
; Sequence 573, Application US/10002967A
; Publication No. US20030148373A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
```

APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Geriltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: p2630P1C72
CURRENT FILING DATE: 2001-10-24
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
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PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079786
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079920
PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/079923

PRIOR FILING DATE: 1998-03-30
PRIOR APPLICATION NUMBER: 60/080105
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080107
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080165
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PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
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PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29

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; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
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; PRIOR FILING DATE: 1998-05-06
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; PRIOR APPLICATION NUMBER: 60/084640
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; PRIOR APPLICATION NUMBER: 60/084598
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; PRIOR APPLICATION NUMBER: 60/084600
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; PRIOR APPLICATION NUMBER: 60/085338
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; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

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Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred.No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 820 TGGAGGAGGAGACACAGCGCA 841
DB 22 TGGAGGAGGAGCGAGGAGCA 1

RESULT 489
US-10-017-083A-573/C
; Sequence 573, Application US/10017083A
; Publication No. US20030148376A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

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; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C67
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US/10/017,083A
; PRIOR APPLICATION REMOVED - See File Wrapper or Palm
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-017-083A-573

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Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred.No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 820 TGGAGGAGGAGACACAGCGCA 841
DB 22 TGGAGGAGGAGCGAGGAGCA 1

RESULT 490
US-10-145-128A-573/C
; Sequence 573, Application US/10145128A
; Publication No. US20030157615A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C46

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; CURRENT APPLICATION NUMBER: US/10/145,128A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-128A-573
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Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      820 TGGAGGAGGAGGACACACGGCGA 841
Db      22 TGGAGGAGGAGGAGCGAGGAGA 1
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RESULT 491
US-10-017-191A-573/c
; Sequence 573, Application US/10017191A
; Publication No. US20030170254A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
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; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC62
; CURRENT APPLICATION NUMBER: US/10/017,191A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
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; PRIOR FILING DATE: 1998-04-08
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PRIOR FILING DATE: 1998-04-09
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PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02; Mismatches 4; Indels 0; Gaps 0;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Cy 820 TGGAGGAGGAGGAGGAGGAGG 841
Db 22 TGGAGGAGGAGGAGGAGGAGG 1
RESULT 492
US-10-143-028A-573/c
Sequence 573, Application US/10143028A
Publication No. US20030180310A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavitt, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: F2630PIC37
CURRENT APPLICATION NUMBER: US/10/143,028A
PRIOR FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-026A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAAGACACAGCGCA 841
DB 22 TGGAGGAAAGCGACGAGGGA 1

RESULT 493
US-10-143-029A-573/c
Sequence 573, Application US/10143029A
Publication No. US20030180311A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlgen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: #2630P1C54
CURRENT APPLICATION NUMBER: US/10/143,029A

CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
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PRIOR FILING DATE: 1997-11-21
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PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
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PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
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PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079664
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079689
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079663
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
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PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080194
PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/080327
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080328
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PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/080334
PRIOR FILING DATE: 1998-04-01
PRIOR APPLICATION NUMBER: 60/081070
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081071
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/081195
PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339

; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGGAGCAGCAGCGCA 841
DB 22 TGGAGGAGGAGGAGCAGGAGGA 1

RESULT 494
US-10-145-089A-573/C
; Sequence 573, Application US/10145089A
; Publication No. US20030180867A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Peoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PLC31
; CURRENT APPLICATION NUMBER: US/10145,089A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03

```
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-089A-573
```

```
Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      820 TGGAGGAGAGGACACAGCGCA 841
Db      22 TGGAGGAGAGGACAGCGAGAGA 1
```

RESULT 495

```
US-10-165-067A-573/c
/ Sequence 573, Application US/10165067A
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC42
/ CURRENT APPLICATION NUMBER: US/10/165,067A
/ PRIOR FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
```

```
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-067A-573
```

```
Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      820 TGGAGGAGAGGACACAGCGCA 841
Db      22 TGGAGGAGAGGACAGCGAGAGA 1
```

RESULT 496

```
US-10-145-017A-573/c
/ Sequence 573, Application US/10145017A
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavlin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC32
/ CURRENT APPLICATION NUMBER: US/10/145,017A
/ PRIOR FILING DATE: 2001-10-19
```

```

; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-017A-573
```

```

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      820 TGGAGGAGGACGACGCGCA 841
Db      22 TGGAGGAGGAGGACGAGGAGA 1
```

```

RESULT 497
US-10-164-728A-573/C
; Sequence 573, Application US/10164728A
; Publication No. US20030186368A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
```

```

; FILE REFERENCE: P2630P1C43
; CURRENT APPLICATION NUMBER: US/10/164,728A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-728A-573
```

```

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      820 TGGAGGAGGACGACGCGCA 841
Db      22 TGGAGGAGGAGGACGAGGAGA 1
```

```

RESULT 498
US-10-013-926A-573/C
; Sequence 573, Application US/10013926A
; Publication No. US20030187241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
```

```

; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC80
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 09/918565
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-926A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAGGAGCACACGCGCA 841
DB      22 TGGAGGAGGAGGAGCGAGGAGA 1

RESULT 499
US-10-165-247A-573/c
; Sequence 573, Application US/10165247A
; Publication No. US20030190321A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guirney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
```

```

; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC41
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-247A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAGGAGCACACGCGCA 841
DB      22 TGGAGGAGGAGGAGCGAGGAGA 1

RESULT 500
US-10-145-124A-573/c
; Sequence 573, Application US/10145124A
; Publication No. US20030190701A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guirney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
```

```

; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC4
; CURRENT APPLICATION NUMBER: US/10/145,124A
; PRIORITY FILING DATE: 2002-08-30
; PRIORITY APPLICATION NUMBER: 09/918585
; PRIORITY FILING DATE: 2001-07-30
; PRIORITY APPLICATION NUMBER: 60/062250
; PRIORITY FILING DATE: 1997-10-17
; PRIORITY APPLICATION NUMBER: 60/064249
; PRIORITY FILING DATE: 1997-11-03
; PRIORITY APPLICATION NUMBER: 60/065311
; PRIORITY FILING DATE: 1997-11-13
; PRIORITY APPLICATION NUMBER: 60/066364
; PRIORITY FILING DATE: 1997-11-21
; PRIORITY APPLICATION NUMBER: 60/077450
; PRIORITY FILING DATE: 1998-03-10
; PRIORITY APPLICATION NUMBER: 60/077632
; PRIORITY FILING DATE: 1998-03-11
; PRIORITY APPLICATION NUMBER: 60/077641
; PRIORITY FILING DATE: 1998-03-11
; PRIORITY APPLICATION NUMBER: 60/077649
; PRIORITY FILING DATE: 1998-03-11
; PRIORITY APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-145-124A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGAGACACAGCGGA 841
Db      22 TGGAGGAAGAGCGACGAGAGAGA 1

RESULT 501
; Sequence 573, Application US/10160502A
; Publication No. US20030190703A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
```

```

; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC57
; CURRENT APPLICATION NUMBER: US/10/160,502A
; PRIORITY FILING DATE: 2001-10-19
; PRIORITY APPLICATION NUMBER: 09/918585
; PRIORITY FILING DATE: 2001-07-30
; PRIORITY APPLICATION NUMBER: 60/062250
; PRIORITY FILING DATE: 1997-10-17
; PRIORITY APPLICATION NUMBER: 60/064249
; PRIORITY FILING DATE: 1997-11-03
; PRIORITY APPLICATION NUMBER: 60/065311
; PRIORITY FILING DATE: 1997-11-13
; PRIORITY APPLICATION NUMBER: 60/066364
; PRIORITY FILING DATE: 1997-11-21
; PRIORITY APPLICATION NUMBER: 60/077450
; PRIORITY FILING DATE: 1998-03-10
; PRIORITY APPLICATION NUMBER: 60/077632
; PRIORITY FILING DATE: 1998-03-11
; PRIORITY APPLICATION NUMBER: 60/077641
; PRIORITY FILING DATE: 1998-03-11
; PRIORITY APPLICATION NUMBER: 60/077649
; PRIORITY FILING DATE: 1998-03-11
; PRIORITY APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-160-502A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGAGACACAGCGGA 841
Db      22 TGGAGGAAGAGCGACGAGAGAGA 1

RESULT 502
; Sequence 25, Application US/10117109
; Publication No. US20030191056A1
; GENERAL INFORMATION:
; APPLICANT: Amgen Inc.
; APPLICANT: Walker, Kenneth
; APPLICANT: Xiong, Fei
; TITLE OF INVENTION: Use of Transthyretin Peptide/Protein Fusions to Increase the Ser
; FILE REFERENCE: A-813
; CURRENT APPLICATION NUMBER: US/10/117,109
; PRIORITY FILING DATE: 2002-04-04
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 25
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-10-117-109-25
```

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3032 GGAGTTGACAGCGCCTTCAG 3053
DB 24 GGAGATGCCAAGACATTCAG 3

RESULT 503
US-10-117-109-26
Sequence 26, Application US/10117109
Publication No. US20030191056A1
GENERAL INFORMATION:
APPLICANT: Amgen Inc.
APPLICANT: Walker, Kenneth
APPLICANT: Xiong, Fei
TITLE OF INVENTION: Use of Transhyretin Peptide/Protein Fusions to Increase the Seru
FILE REFERENCE: A-813
CURRENT APPLICATION NUMBER: US/10/117,109
CURRENT FILING DATE: 2002-04-04
NUMBER OF SEQ ID NOS: 42
SOFTWARE: Patentin version 3.0
SEQ ID NO 26
LENGTH: 24
TYPE: DNA
ORGANISM: Homo sapiens
US-10-117-109-26

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3032 GGAGTTGACAGCGCCTTCAG 3053
DB 1 GGAGATGCCAAGACATTCAG 22

RESULT 504
US-10-145-087A-573/C
Sequence 573, Application US/10145087A
Publication No. US20030194410A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC47
CURRENT APPLICATION NUMBER: US/10/145,087A
CURRENT FILING DATE: 2001-10-18
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-087A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAGAGGACACAGCGA 841
DB 22 TGGAGGAGAGGACACAGCGA 1

RESULT 505
US-10-017-086A-573/C
Sequence 573, Application US/10017086A
Publication No. US20030194744A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey


```

; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C64
; CURRENT APPLICATION NUMBER: US/10/017.086A
; PRIOR FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-086A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      820 TCGAGGAGAGGACACAGCGCA 841
Db      22 TCGAGGAGAGGACGAGGAGA 1

RESULT 506
US-10-164-829A-573/c
; Sequence 573, Application US/10164829A
; Publication No. US20030194780A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C28
; CURRENT APPLICATION NUMBER: US/10/0164.829A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/07450
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; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-829A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      820 TCGAGGAGAGGACACAGCGCA 841
Db      22 TCGAGGAGAGGACGAGGAGA 1

RESULT 507
US-10-164-929A-573/c
; Sequence 573, Application US/10164929A
; Publication No. US20030194781A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C36
; CURRENT APPLICATION NUMBER: US/10/164.929A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
```

```

; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; REMAINING PRIOR APPLICATION DATA REMOVED - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-929A-573
```

```

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Qy      820 TGGAGGAGAGACACAGCCGA 841
Db      22 TGGAGGAGAGGAGACGAGGAGGA 1
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```

RESULT 508
US-10-407-078-25/C
; Sequence 25, Application US/10407078
; Publication No. US20030195154A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Kenneth
; APPLICANT: Xiong, Fei
; TITLE OF INVENTION: Use of Transthyretin Peptide/Protein Fusions to Increase the Seru
; FILE REFERENCE: A-813A
; CURRENT APPLICATION NUMBER: US/10/407,078
; CURRENT FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: A-813
; PRIOR FILING DATE: 2002-04-04
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 25
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-407-078-25
```

```

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Qy      3032 GGAGTTCAGACGACCTTCAG 3053
Db      24 GGAGATGCCAAGACATTCAG 3
```

```

RESULT 509
US-10-407-078-26
; Sequence 26, Application US/10407078
; Publication No. US20030195154A1
; GENERAL INFORMATION:
; APPLICANT: Walker, Kenneth
; APPLICANT: Xiong, Fei
; TITLE OF INVENTION: Use of Transthyretin Peptide/Protein Fusions to Increase the Seru
; FILE REFERENCE: A-813A
; CURRENT APPLICATION NUMBER: US/10/407,078
; CURRENT FILING DATE: 2003-04-03
; PRIOR APPLICATION NUMBER: A-813
```

```

; PRIOR FILING DATE: 2002-04-04
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-407-078-26
```

```

Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```

Qy      3032 GGAGTTCAGACGACCTTCAG 3053
Db      1 GGAGATGCCAAGACATTCAG 22
```

```

RESULT 510
US-10-013-922A-573/C
; Sequence 573, Application US/10013922A
; Publication No. US20030195345A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Guirney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Iyar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C81
; CURRENT APPLICATION NUMBER: US/10/013,922A
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
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;; PRIOR APPLICATION NUMBER: 60/085697
Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 820 TGGAGGAGAGGACACAGCGGA 841
DB 22 TGGAGGAGGAGGACGAGGAGGA 1
RESULT 511
US-10-020-445A-573/c
; Sequence 573, Application US/10020445A
; Publication No. US20030198994A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Auelin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C74
; CURRENT APPLICATION NUMBER: US/10/020,445A
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936

;; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
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; PRIOR APPLICATION NUMBER: 60/081955
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; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
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; PRIOR FILING DATE: 1998-04-15
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; PRIOR FILING DATE: 1998-04-21
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; PRIOR APPLICATION NUMBER: 60/082704
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; PRIOR APPLICATION NUMBER: 60/082804
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; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083496
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PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30
PRIOR APPLICATION NUMBER: 60/084366
PRIOR FILING DATE: 1998-05-05
PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085339
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085700
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085689
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085580
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085573
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

820 TGGAGGAAGGACGACGAGCA 841

Db 22 TGGAGGAAGGACGACGAGCA 1

RESULT 512

US-10-013-924A-573/c

Sequence 573, Application US/10013924A

Publication No. US20030199021A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James J.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tuma, Daniel
APPLICANT: Williams, P. Mickey
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C76
CURRENT APPLICATION NUMBER: US/10/013,924A
CURRENT FILING DATE: 2002-12-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-924A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;


```

; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C49
; CURRENT APPLICATION NUMBER: US/10/145, 088A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-088A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGAGCACACGCGCA 841
Db      22 TGGAGGAAGGCGGACGAGGAGA 1

RESULT 516
US-10-145-092A-573/c
; Sequence 573, Application US/10145092A
; Publication No. US20030203435A1
```

```

; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C45
; CURRENT APPLICATION NUMBER: US/10/145, 092A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-092A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGAGCACACGCGCA 841
Db      22 TGGAGGAAGGCGGACGAGGAGA 1

RESULT 517
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US-10-145-129A-573/c
; Sequence 573, Application US/10145129A
; Publication No. US20030203436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC51
; CURRENT APPLICATION NUMBER: US/10/145,129A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-129A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY      820 TGGAGCAAGAGGACACAGCGGA 841
DB      22 TGGAGCAAGAGGACAGGAGGAGA 1
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RESULT 518
US-10-165-038A-573/c
; Sequence 573, Application US/10165038A
; Publication No. US20030203441A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC29
; CURRENT APPLICATION NUMBER: US/10/165,038A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-038A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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CY 820 TGGAGGAAAGGACACAGCGCA 841
|||
Db 22 TGGAGGAAAGGACGAGAGAGA 1

RESULT 519
US-10-165-353A-573/C
; Sequence 573, Application US/10165353A
; Publication No. US20030203442A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C40
; CURRENT APPLICATION NUMBER: US/10/165,353A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-165-353A-573
Query Match 0.3%; Score 15.6; DB 1; Length 24;

Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Caps 0;
CY 820 TGGAGGAAAGGACACAGCGCA 841
|||
Db 22 TGGAGGAAAGGACGAGAGAGA 1

RESULT 520
US-10-167-600-573/C
; Sequence 573, Application US/10167600
; Publication No. US20030203443A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Thomas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C35
; CURRENT APPLICATION NUMBER: US/10/167,600
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe

US-10-167-600-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAAGGACACAGCGCA 841
|||||
Db 22 TGGAGGAAAGGACGAGAGAGA 1

RESULT 521

US-10-170-481A-573/C
; Sequence 573, Application US/10170481A
; Publication No. US20030203444A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC33
; CURRENT APPLICATION NUMBER: US/10/170,481A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-170-481A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 820 TGGAGGAAAGGACACAGCGCA 841
|||||
Db 22 TGGAGGAAAGGACGAGAGAGA 1

RESULT 522

US-10-172-039A-573/C
; Sequence 573, Application US/10172039A
; Publication No. US20030203445A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC30
; CURRENT APPLICATION NUMBER: US/10/172,039A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624

SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-172-039A-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAAGGACACGCGCA 841
Db 22 TGGAGGAAGGACGCGAGAGA 1

RESULT 523
US-10-210-028-573/c
Sequence 573, Application US/10210028
Publication No. US20030203446A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavrin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C52
CURRENT APPLICATION NUMBER: US/10/210.028
CURRENT FILING DATE: 2001-10-18
PRIORITY APPLICATION NUMBER: 09/918585
PRIORITY FILING DATE: 2001-07-30
PRIORITY APPLICATION NUMBER: 60/062250
PRIORITY FILING DATE: 1997-10-17
PRIORITY APPLICATION NUMBER: 60/064249
PRIORITY FILING DATE: 1997-11-03
PRIORITY APPLICATION NUMBER: 60/065311
PRIORITY FILING DATE: 1997-11-13
PRIORITY APPLICATION NUMBER: 60/066364
PRIORITY FILING DATE: 1997-11-21
PRIORITY APPLICATION NUMBER: 60/077450
PRIORITY FILING DATE: 1998-03-10
PRIORITY APPLICATION NUMBER: 60/077632
PRIORITY FILING DATE: 1998-03-11
PRIORITY APPLICATION NUMBER: 60/077641
PRIORITY FILING DATE: 1998-03-11
PRIORITY APPLICATION NUMBER: 60/077649
PRIORITY FILING DATE: 1998-03-11
PRIORITY APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12
Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 573
LENGTH: 24
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-210-028-573

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 820 TGGAGGAAGGACACGCGCA 841
Db 22 TGGAGGAAGGACGCGAGAGA 1

RESULT 524
US-10-017-085A-573/c
Sequence 573, Application US/10017085A
Publication No. US20030204055A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavrin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2630P1C73
CURRENT APPLICATION NUMBER: US/10/017.085A
CURRENT FILING DATE: 2002-04-30
PRIORITY APPLICATION NUMBER: 60/062250
PRIORITY FILING DATE: 1997-10-17
PRIORITY APPLICATION NUMBER: 60/064249
PRIORITY FILING DATE: 1997-11-03
PRIORITY APPLICATION NUMBER: 60/065311
PRIORITY FILING DATE: 1997-11-13
PRIORITY APPLICATION NUMBER: 60/066364
PRIORITY FILING DATE: 1997-11-21
PRIORITY APPLICATION NUMBER: 60/077450
PRIORITY FILING DATE: 1998-03-10
PRIORITY APPLICATION NUMBER: 60/077632
PRIORITY FILING DATE: 1998-03-11
PRIORITY APPLICATION NUMBER: 60/077641
PRIORITY FILING DATE: 1998-03-11
PRIORITY APPLICATION NUMBER: 60/077649
PRIORITY FILING DATE: 1998-03-11
PRIORITY APPLICATION NUMBER: 60/077791

Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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Db      22 TGGAGGAAAGGAGCGAGGAGAGA 1

RESULT 525
US-10-013-916A-573/C
; Sequence 573, Application US/10013916A
; Publication No. US20030206915A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C79
; CURRENT APPLICATION NUMBER: US/10/013,916A
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-916A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAAGGAGCGAGCGGA 841
Db      22 TGGAGGAAAGGAGCGAGGAGAGA 1

RESULT 526
US-10-143-026B-573/C
; Sequence 573, Application US/10143026B
; Publication No. US20030207803A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C58
; CURRENT APPLICATION NUMBER: US/10/143,026B
; CURRENT FILING DATE: 2003-05-09
; Prior Application Number: 09/918585
; Prior Filing Date: 2001-07-30
; Prior Application Number: 60/062250
; Prior Filing Date: 1997-10-17
; Prior Application Number: 60/064249
; Prior Filing Date: 1997-11-03
; Prior Application Number: 60/065311
; Prior Filing Date: 1997-11-13
; Prior Application Number: 60/066364
; Prior Filing Date: 1997-11-21
; Prior Application Number: 60/077450
; Prior Filing Date: 1998-03-10
; Prior Application Number: 60/077632
; Prior Filing Date: 1998-03-11
; Prior Application Number: 60/077641
; Prior Filing Date: 1998-03-11
; Prior Application Number: 60/077649
; Prior Filing Date: 1998-03-11
; Prior Application Number: 60/077791
; Prior Filing Date: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-026B-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAAGGAGCGAGCGGA 841
Db      22 TGGAGGAAAGGAGCGAGGAGAGA 1

RESULT 527
US-10-013-918A-573/C
; Sequence 573, Application US/10013918A
; Publication No. US20030211091A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C58
; CURRENT APPLICATION NUMBER: US/10/143,026B
; CURRENT FILING DATE: 2003-05-09
; Prior Application Number: 09/918585
; Prior Filing Date: 2001-07-30
; Prior Application Number: 60/062250
; Prior Filing Date: 1997-10-17
; Prior Application Number: 60/064249
; Prior Filing Date: 1997-11-03
; Prior Application Number: 60/065311
; Prior Filing Date: 1997-11-13
; Prior Application Number: 60/066364
; Prior Filing Date: 1997-11-21
; Prior Application Number: 60/077450
; Prior Filing Date: 1998-03-10
; Prior Application Number: 60/077632
; Prior Filing Date: 1998-03-11
; Prior Application Number: 60/077641
; Prior Filing Date: 1998-03-11
; Prior Application Number: 60/077649
; Prior Filing Date: 1998-03-11
; Prior Application Number: 60/077791
; Prior Filing Date: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-143-026B-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAAGGAGCGAGCGGA 841
Db      22 TGGAGGAAAGGAGCGAGGAGAGA 1
```

APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secretd and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C7
CURRENT APPLICATION NUMBER: US/10/013.918A
CURRENT FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078004
PRIOR FILING DATE: 1998-03-13
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PRIOR FILING DATE: 1998-03-20
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PRIOR FILING DATE: 1998-03-20
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PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/078939
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PRIOR FILING DATE: 1998-03-27
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PRIOR FILING DATE: 1998-03-30
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PRIOR FILING DATE: 1998-04-22
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PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23
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PRIOR FILING DATE: 1998-04-27
PRIOR APPLICATION NUMBER: 60/083322
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PRIOR APPLICATION NUMBER: 60/083392
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PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-04-29
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PRIOR FILING DATE: 1998-04-29

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; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085562
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/08579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
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```
Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY 820 TGGAGGAGGACACAGCGCA 841
DB 22 TGGAGGAGGACGACGAGAGAGA 1
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```
RESULT 528
US-10-162-521A-573/c
```

```
; Sequence 573, Application US/10162521A
; Publication No. US20030211092A1
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
```

```
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austen L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James/
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC55
; CURRENT APPLICATION NUMBER: US/10/162,521A
; PRIOR FILING DATE: 2002-11-29
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
```

```
US-10-162-521A-573
```

```
Query Match 0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY 820 TGGAGGAGGACACAGCGCA 841
DB 22 TGGAGGAGGACGACGAGAGAGA 1
```

```
RESULT 529
```

```
US-10-013-928A-573/c
```

```
; Sequence 573, Application US/10013928A
```

```
; Publication No. US20030215905A1
```

```
; GENERAL INFORMATION:
```

```
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
```

```

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC66
; CURRENT APPLICATION NUMBER: US/10/013,928A
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-928A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGAGACACAGCGCA 841
DB      22 TGGAGGAAGAGAGCGAGGAGA 1

RESULT 530
US-10-162-522A-573/C
; Sequence 573, Application US/10162522A
; Publication No. US20030215908A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flivarovff, Ellen
```

```

; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC56
; CURRENT APPLICATION NUMBER: US/10/162,522A
; PRIOR FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-162-522A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGAGACACAGCGCA 841
DB      22 TGGAGGAAGAGAGCGAGGAGA 1

RESULT 531
US-10-013-923A-573/C
; Sequence 573, Application US/10013923A
; Publication No. US20030216305A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
```

```
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC87
/ CURRENT APPLICATION NUMBER: US/10/013,923A
/ CURRENT FILING DATE: 2001-10-25
/ Prior Application removed - See Palm or File Wrapper
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-923A-573
```

```
Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY      820 TGGAGGAAGAGACACAGCGCA 841
Db      22 TGGAGGAAGAGACACAGCGCA 1
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RESULT 532

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US-10-013-925A-573/c
/ Sequence 573, Application US/10013925A
/ Publication No. US20030216560A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
```

```
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC83
/ CURRENT APPLICATION NUMBER: US/10/013,925A
/ CURRENT FILING DATE: 2002-05-03
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-925A-573
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```
Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      820 TGGAGGAAGAGACACAGCGCA 841
Db      22 TGGAGGAAGAGACACAGCGCA 1
```

```
RESULT 533
US-10-013-927A-573/c
/ Sequence 573, Application US/10013927A
/ Publication No. US20030216561A1
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerlitsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kijavini, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC88
/ CURRENT APPLICATION NUMBER: US/10/013,927A
/ CURRENT FILING DATE: 2001-10-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 573
/ LENGTH: 24
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
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```
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-927A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGGAGCAGCGGCA 841
      |||||
Db      22 TGGAGGAAGGAGCAGCGGAGA 1

RESULT 534
US-10-443-694-124/C
; Sequence 124, Application US/10443694
; Publication No. US20040001846A1
; GENERAL INFORMATION:
; APPLICANT: Israeli, Ron S.
; APPLICANT: Heaton, Warren D.W.
; APPLICANT: Fair, William R.
; APPLICANT: Overelli, Quatnek
; APPLICANT: Pinto, John
; TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF
; FILE REFERENCE: 1769/41426-GB
; CURRENT APPLICATION NUMBER: US/10/443,694
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 124
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-443-694-124

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4780 GGCTTTCAGTCTTTGGTTGG 4801
      |||||
Db      23 GGCTTTCAGTCTTTGTTAG 2

RESULT 535
US-10-145-093A-573/C
; Sequence 573, Application US/10145093A
; Publication No. US20040005312A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavyn, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
```

```
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC48
; CURRENT APPLICATION NUMBER: US/10/145,093A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-145-093A-573

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      820 TGGAGGAAGGAGCAGCGGCA 841
      |||||
Db      22 TGGAGGAAGGAGCAGCGGAGA 1

RESULT 536
US-10-013-919A-573/C
; Sequence 573, Application US/10013919A
; Publication No. US20040005657A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey J.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavyn, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
```

```

; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C85
; CURRENT APPLICATION NUMBER: US/10/013,919A
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-919A-573

```

```

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

```

QY      820 TGGAGGAGAGGACACAGCGCA 841
Db      22 TGGAGGAGGAGGACGAGGAGA 1

```

```

RESULT 537
US-10-013-920A-573/c
; Sequence 573, Application US/10013920A
; Publication No. US20040006219A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hallan, Kenneth J.

```

```

; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C78
; CURRENT APPLICATION NUMBER: US/10/013,920A
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-920A-573

```

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Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

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QY      820 TGGAGGAGAGGACACAGCGCA 841
Db      22 TGGAGGAGGAGGACGAGGAGA 1

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RESULT 538
US-10-449-795-7
; Sequence 7, Application US/10449795
; Publication No. US20040018531A1
; GENERAL INFORMATION:
; APPLICANT: Cariona Jamieson
; APPLICANT: Laurie Ailles
; APPLICANT: Tamishcha Reya
; APPLICANT: Irving Weissman
; TITLE OF INVENTION: METHODS OF IDENTIFYING AND ISOLATING
; FILE OF INVENTION: STEM CELLS AND CANCER STEM CELLS
; FILE REFERENCE: STAN-270
; CURRENT APPLICATION NUMBER: US/10/449,795
; PRIOR FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 60/384,529
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: 60/431,655
; PRIOR FILING DATE: 2002-12-06
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-449-795-7

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```

Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

```

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QY      2826 GAGGGGAGCTGCTGTGAAGT 2847
Db      2 GAGTGGAGTCTGTGAAGT 23

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```

RESULT 539
US-10-164-749A-573/c
; Sequence 573, Application US/10164749A

```

```
; Publication No. US20040029218A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC80
; CURRENT APPLICATION NUMBER: US/10/164,749A
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-164-749A-573
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Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 820 TGGAGGAAGAGCAGACGCGCA 841
|||||
DB 22 TGGAGGAAGAGCAGACGCGCA 1

```
RESULT 540
US-10-013-917A-573/c
; Sequence 573, Application US/10013917A
; Publication No. US20040063921A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC82
; CURRENT APPLICATION NUMBER: US/10/013,917A
; PRIOR FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 573
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-917A-573
```

```
Query Match      0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY 820 TGGAGGAAGAGCAGACGCGCA 841
|||||
DB 22 TGGAGGAAGAGCAGACGCGCA 1

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RESULT 541
US-10-665-460A-30/c
; Sequence 30, Application US/10665460A
; Publication No. US20040096934A1
; GENERAL INFORMATION:
; APPLICANT: Freysinet, Georges
; APPLICANT: Rang, Cecile
; APPLICANT: Frutos, Roger
; TITLE OF INVENTION: Pepsin-sensitive modified Bacillus thuringiensis insecticidal
; FILE REFERENCE: A35992-BCT-USA-A (072667.0191)
; CURRENT APPLICATION NUMBER: US/10/665,460A
; PRIOR FILING DATE: 2003-09-19
; PRIOR APPLICATION NUMBER: PCT/FR02/00772
; PRIOR FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: FR 01/03691
; PRIOR FILING DATE: 2001-03-19
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; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 30
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Artificial sequence description: mutant 18
US-10-665-460A-30
```

```
Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4416 AATAATATATATATATATATA 4437
Db      23 AATRAAAATATATATATAAAAA 2
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```
RESULT 542
US-10-433-485A-29/c
; Sequence 29, Application US/10433485A
; Publication No. US20040131617A1
; GENERAL INFORMATION:
; APPLICANT: WHITE, Jay A.
; APPLICANT: PETKOVICH, P. Martin
; APPLICANT: JONES, Glenville
; APPLICANT: RAMSHAW, Heather
; TITLE OF INVENTION: P450RAI-2(P450 Cytochrome 26B), Encoding Nucleic Acid
; TITLE OF INVENTION: Molecules and Methods and Uses Thereof
; FILE REFERENCE: 11812-78
; CURRENT APPLICATION NUMBER: US/10/433,485A
; CURRENT FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: PCT/CA01/01805
; PRIOR FILING DATE: 2001-12-17
; PRIOR APPLICATION NUMBER: PCT/CA00/01493
; PRIOR FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: 60/178,314
; PRIOR FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: 60/171,110
; PRIOR FILING DATE: 1999-12-16
; NUMBER OF SEQ ID NOS: 48
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 29
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primers and probes
US-10-433-485A-29
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```
Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      3787 AGGCGAGGCGGCGCGGCGGCGGA 3808
Db      22 AGGCGAGGCGGCGGCGGCGGCGGA 1
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```
Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
RESULT 543
US-10-614-625-124/c
; Sequence 124, Application US/10614625
; Publication No. US20040198657A1
; GENERAL INFORMATION:
; APPLICANT: Heston, Warren D.W.
; APPLICANT: Querfelli, Onathek
; APPLICANT: Pinto, John
; TITLE OF INVENTION: PROSTATE-SPECIFIC MEMBRANE ANTIGEN AND USES THEREOF
; FILE REFERENCE: 1769/41426-GC
; CURRENT APPLICATION NUMBER: US/10/614,625
; CURRENT FILING DATE: 2003-07-02
; PRIOR APPLICATION NUMBER: US 10/433,694
```

```
; PRIOR FILING DATE: 2003-05-21
; PRIOR APPLICATION NUMBER: US 08/705,477
; PRIOR FILING DATE: 1996-08-29
; PRIOR APPLICATION NUMBER: PCT/US96/02424
; PRIOR FILING DATE: 1996-02-23
; PRIOR APPLICATION NUMBER: US 08/466,381
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: US 08/470,735
; PRIOR FILING DATE: 1995-06-06
; PRIOR APPLICATION NUMBER: US 08/394,152
; PRIOR FILING DATE: 1995-02-24
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 124
; LENGTH: 24
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-614-625-124
```

```
Query Match          0.3%; Score 15.6; DB 1; Length 24;
Best Local Similarity 81.8%; Pred. No. 7.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
Qy      4780 GCGTTCTCAGTCTTGTGCTTG 4801
Db      23 GCGTTCTCAGTCTTGTGCTTG 2
```

```
RESULT 544
US-09-866-108-1345
; Sequence 1345, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANX, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
```

PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1345
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1345

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 771 AGAAGGAAAACATGGG 787
Db 1 AGAAGGAAAACATGGG 17

RESULT 545
US-09-866-108-1346
Sequence 1346, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1346
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1346

Query Match 0.3%; Score 15.4; DB 1; Length 17;

Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 772 AGAAGGAAAACATGGG 788
Db 1 AGAAGGAAAACATGGG 17

RESULT 546
US-09-866-108-1347
Sequence 1347, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: AEOMICA-7
CURRENT APPLICATION NUMBER: US/09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263,6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: Aecomica Sequence Listing Engine
SEQ ID NO 1347
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-1347

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 773 GAAGGAAAACATGGGC 789
Db 1 GAAGGAAAACATGGGC 17

RESULT 547
US-09-866-108-8198/C

```
; Sequence 8198, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: UT, Yongsang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Menheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: A60MICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: A60MICA Sequence Listing Engine
; SEQ ID NO 8198
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-8198

Query Match      0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3873 ATCAAGCTTCAGATC 3889
Db      17 ATCAAGCTTCAATC 1
```

```
RESULT 548
US-09-263-959-488
; Sequence 488, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: KOOP, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
```

```
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaesters, David D.
; REGISTRATION NUMBER: 33,963
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 488:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 17 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-263-959-488
```

```
Query Match      0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      271 TCTCTCTTCTCTCT 287
Db      1 TCTCTCTCTCTCTCT 17
```

```
RESULT 549
US-09-263-959-576
; Sequence 576, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: KOOP, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaesters, David D.
; REGISTRATION NUMBER: 33,963
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 576:
; SEQUENCE CHARACTERISTICS:
```

LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-576

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCT 287
DB 1 TCTCTCTCTCTCTCT 17

RESULT 550
US-09-263-959-584
Sequence 584, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:

APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092

COMPUTER READABLE FORM:
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:

ATTORNEY/AGENT INFORMATION:
NAME: Mcmasters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 584:
SEQUENCE CHARACTERISTICS:
LENGTH: 17 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

US-09-263-959-584

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCCTCTCTCTCTCTC 286
DB 1 CTCCTCTCTCTCTCTC 17

RESULT 551
US-09-792-818-482
Sequence 482, Application US/09792818
Publication No. US20030134806A1
GENERAL INFORMATION:
APPLICANT: Ribozyyme Pharmaceuticals, Inc.
APPLICANT: Jarvis, Thale
APPLICANT: Von Carlwiltz, Ira

APPLICANT: MCSwigen, Jim
APPLICANT: Hamblin, Paul
APPLICANT: Ellis, Jonathan
TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
FILE REFERENCE: MEHB00-901-A (400/013)
CURRENT APPLICATION NUMBER: US/09/792,818
CURRENT FILING DATE: 2001-02-23
NUMBER OF SEQ ID NOS: 2304
SOFTWARE: Patentin version 3.0
SEQ ID NO 482
LENGTH: 17
TYPE: RNA
ORGANISM: Homo sapiens
US-09-792-818-482

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 88.2%; Pred. No. 4.6e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 882 GAGCTGCCCCCAGGAA 698
DB 1 GAGCTGCCCCCAGGAA 17

RESULT 552
US-10-062-458-15/C
Sequence 15, Application US/10062458
Publication No. US20030003550A1
GENERAL INFORMATION:

APPLICANT: NAKAMURA, JUN
APPLICANT: IZUI, HIROSHI
APPLICANT: MORIGUCHI, KAYO
APPLICANT: KAWASHIMA, HIROKI
APPLICANT: NAKAMATSU, TSUYOSHI
TITLE OF INVENTION: METHOD FOR PRODUCING L-GLUTAMINE BY FERMENTATION AND L-GLUTAMINE
FILE REFERENCE: 219181US0
CURRENT APPLICATION NUMBER: US/10/062,458
CURRENT FILING DATE: 2002-02-05
PRIOR APPLICATION NUMBER: JP 2001-28163
PRIOR FILING DATE: 2001-02-05
PRIOR APPLICATION NUMBER: JP 2001-162806
NUMBER OF SEQ ID NOS: 25
SOFTWARE: Patentin version 3.1
SEQ ID NO 15
LENGTH: 17
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURES:
OTHER INFORMATION: SYNTHETIC DNA
US-10-062-458-15

Query Match 0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2010 CGGATCAGCCACATCTG 2026
DB 17 CGGATCAGCCACACTG 1

RESULT 553
US-10-238-700-3/C
Sequence 3, Application US/10238700
Publication No. US20030153521A1
GENERAL INFORMATION:
APPLICANT: Ribozyyme Pharmaceuticals, Inc.
APPLICANT: MCSwigen, James
TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
FILE REFERENCE: 400/057 (MEHB01-1158-A)
CURRENT APPLICATION NUMBER: US/10/238,700

```
/ CURRENT FILING DATE: 2002-09-18
/ PRIOR APPLICATION NUMBER: PCT/US 02/16840
/ PRIOR FILING DATE: 2002-05-29
/ PRIOR APPLICATION NUMBER: US 60/318,471
/ PRIOR FILING DATE: 2001-09-10
/ NUMBER OF SEQ ID NOS: 4666
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 3
/ LENGTH: 17
/ TYPE: RNA
/ ORGANISM: Homo sapiens
US-10-238-700-3
```

```
Query Match      0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3919 CGACGCCGCCGCCGCCG 3935
Db      17 CGCCGCCGCCGCCGCCG 1
```

```
RESULT 554
US-10-061-201-1079/c
/ Sequence 1079, Application US/10061201
/ Publication No. US20030166229A1
/ GENERAL INFORMATION:
```

```
/ APPLICANT: Shannon, Mark
/ TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
/ FILE REFERENCE: PB0178
/ CURRENT APPLICATION NUMBER: US/10/061,201
/ CURRENT FILING DATE: 2002-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00663
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00670
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: US 09/864,761
/ PRIOR FILING DATE: 2001-05-23
/ PRIOR APPLICATION NUMBER: US 60/328,205
/ PRIOR FILING DATE: 2001-10-10
/ NUMBER OF SEQ ID NOS: 4162
/ SOFTWARE: Aecmca Sequence Listing Engine
/ SEQ ID NO 1079
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-061-201-1079
```

```
Query Match      0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      819 CTGAGAGAGAGAGAC 835
Db      17 CTGAGAGAGAGAGAC 1
```

```
RESULT 555
US-10-723-361-1345
/ Sequence 1345, Application US/10723361
/ Publication No. US20040137589A1
```

```
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ CURRENT FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
/ PRIOR FILING DATE: 2000-09-27
/ PRIOR APPLICATION NUMBER: PCT/US01/00666
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00667
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00664
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00669
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00665
/ PRIOR FILING DATE: 2001-01-30
/ PRIOR APPLICATION NUMBER: PCT/US01/00668
/ PRIOR FILING DATE: 2001-01-30
/ Remaining Prior Application data removed - See file Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 15755
/ SOFTWARE: Aecmca Sequence Listing Engine
/ SEQ ID NO 1345
/ LENGTH: 17
/ TYPE: DNA
/ ORGANISM: Homo sapiens
US-10-723-361-1345
```

```
Query Match      0.3%; Score 15.4; DB 1; Length 17;
Best Local Similarity 94.1%; Pred. No. 4.6e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      771 AAGAAGAAACATGG 787
Db      1 AAGAAGAAAGATGG 17
```

```
RESULT 556
US-10-723-361-1346
/ Sequence 1346, Application US/10723361
/ Publication No. US20040137589A1
/ GENERAL INFORMATION:
/ APPLICANT: GU, Yizhong
/ APPLICANT: JI, Yonggang
/ APPLICANT: PENN, Sharon G.
/ APPLICANT: HANZEL, David K.
/ APPLICANT: RANK, David R.
/ APPLICANT: CHEN, Wensheng
/ APPLICANT: SHANNON, Mark
/ TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
/ FILE REFERENCE: PB0105
/ CURRENT APPLICATION NUMBER: US/10/723,361
/ CURRENT FILING DATE: 2003-11-26
/ PRIOR APPLICATION NUMBER: US 09/866,108
/ PRIOR FILING DATE: 2001-05-25
/ PRIOR APPLICATION NUMBER: US 60/207,456
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: GB 24263,6
/ PRIOR FILING DATE: 2000-10-04
/ PRIOR APPLICATION NUMBER: US 60/236,359
```



```

; Sequence 5, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Barbera-Guillem, Emilio
; APPLICANT: Nelson, M. Bud

```

```

; APPLICANT: Castro, Stephanie
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; FILE REFERENCE: B-73
; CURRENT APPLICATION NUMBER: US/09/904,744
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-904-744-5

```

```

Query Match          0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      270 CTCTCTCTCTTCTCTC 286
Db      18 CTCTCTCTCTCTCTC 2

```

```

RESULT 560
US-09-904-744-6
; Sequence 6, Application US/09904744
; Patent No. US20020150905A1
; GENERAL INFORMATION:
; APPLICANT: Barbera-Guillem, Emilio
; APPLICANT: Nelson, M. Bud
; TITLE OF INVENTION: Nanocrystals having polynucleotide strands and their use to form
; FILE REFERENCE: B-73
; CURRENT APPLICATION NUMBER: US/09/904,744
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/437076
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/107828
; PRIOR FILING DATE: 1998-11-10
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthesized
US-09-904-744-6

```

```

Query Match          0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      271 TCTCTCTCTTCTCTCT 287
Db      2 TCTCTCTCTCTCTCTC 18

```

```

RESULT 561
US-10-292-198-93
; Sequence 93, Application US/10292198
; Publication No. US20030157654A1
; GENERAL INFORMATION:
; APPLICANT: SHEN, Ben
; APPLICANT: LIU, Wen
; TITLE OF INVENTION: BIOSYNTHESIS OF ENEDIYNE COMPOUNDS BY MANIPULATION OF C-1027 GENE

```

```

; TITLE OF INVENTION: PATHWAY
; FILE REFERENCE: 054030-0007
; CURRENT APPLICATION NUMBER: US/10/292,198
; CURRENT FILING DATE: 2003-03-14
; PRIOR APPLICATION NUMBER: US 10/159,257
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: US 09/478,188
; PRIOR FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: US 60/115,434
; PRIOR FILING DATE: 1999-01-06
; NUMBER OF SEQ ID NOS: 146
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 93
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Streptomyces globisporus
US-10-292-198-93

```

```

Query Match          0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      2936 TGACCGCGAGCAATCCT 2952
Db      2 TGACCGCGAGCAATCCT 18

```

```

RESULT 562
US-10-159-257A-93
; Sequence 93, Application US/10159257A
; Publication No. US20040161828A1
; GENERAL INFORMATION:
; APPLICANT: SHEN, BEN
; APPLICANT: LIU, WEN
; APPLICANT: CHRISTENSON, STEVEN D.
; TITLE OF INVENTION: GENE CLUSTER FOR PRODUCTION OF THE ENEDIYNE ANTITUMOR
; FILE REFERENCE: 407T-896020US
; CURRENT APPLICATION NUMBER: US/10/159,257A
; CURRENT FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: 09/478,188
; PRIOR FILING DATE: 2000-01-05
; PRIOR APPLICATION NUMBER: 60/115,434
; PRIOR FILING DATE: 1999-01-06
; NUMBER OF SEQ ID NOS: 207
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 93
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-159-257A-93

```

```

Query Match          0.3%; Score 15.4; DB 1; Length 18;
Best Local Similarity 94.1%; Pred. No. 5.1e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      2936 TGACCGCGAGCAATCCT 2952
Db      2 TGACCGCGAGCAATCCT 18

```

```

RESULT 563
US-09-242-772-18
; Sequence 18, Application US/09242772
; Publication No. US20020009720A1
; GENERAL INFORMATION:
; APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnologie
; TITLE OF INVENTION: PLAG gene family and tumorigenesis
; FILE REFERENCE: VIB-011-US
; CURRENT APPLICATION NUMBER: US/09/242,772

```

```

; CURRENT FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: EP 96202229.6
; PRIOR FILING DATE: 1996-08-22
; PRIOR APPLICATION NUMBER: EP 97200130.9
; PRIOR FILING DATE: 1997-01-17
; PRIOR APPLICATION NUMBER: PCT/EP97/04759
; PRIOR FILING DATE: 1997-08-22
; NUMBER OF SEQ ID NOS: 139
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc_feature
; OTHER INFORMATION: antisense primer D8S166
US-09-242-772-18
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY          929 CAAGGAGTTCCTTTT 945
Db          2 CAAGGAGTTCCTTTT 18
```

```

RESULT 564
US-09-915-485-74/c
; Sequence 74, Application US/09915485
; Publication No. US20030083281A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RFS-0251
; CURRENT APPLICATION NUMBER: US/09/915,485
; CURRENT FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-485-74
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY          3046 ACTTCAGGGGAGATC 3062
Db          20 ACTTCAGGGGAGATC 4
```

```

RESULT 565
US-09-754-106-104
; Sequence 104, Application US/09754106
; Publication No. US20030224355A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naohisha
; APPLICANT: Katsaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; APPLICANT: Wenzel, Stephen
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; TITLE OF INVENTION: AND HNF-4ALPHA
```

```

; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/754,106
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 104:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-754-106-104
```

```
Query Match          0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY          991 CCGAGCATTTTCAG 1007
Db          3 CCGAGCATTTTCAG 19
```

```

RESULT 566
US-10-321-555-9
; Sequence 9, Application US/10321555
; Publication No. US20030134315A1
; GENERAL INFORMATION:
; APPLICANT: Watenius, Hilmar Meek
; APPLICANT: Seabra, Laurence Anthony
; TITLE OF INVENTION: METHODS FOR DETERMINING CHEMOSENSITIVITY OF CANCER CELLS BASED UPON
; FILE REFERENCE: 1417-188
; CURRENT APPLICATION NUMBER: US/10/321,555
; CURRENT FILING DATE: 2002-12-18
; PRIOR APPLICATION NUMBER: US/09/622,277
; PRIOR FILING DATE: 2000-10-25
; PRIOR APPLICATION NUMBER: PCT/GB99/00500
; PRIOR FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: GB 9903035.5
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: GB 9814545.1
; PRIOR FILING DATE: 1998-07-03
; PRIOR APPLICATION NUMBER: GB 9812151.0
; PRIOR FILING DATE: 1998-06-05
; PRIOR APPLICATION NUMBER: GB 9803447.3
```

```
/ PRIOR FILING DATE: 1998-02-18
/ PRIOR APPLICATION NUMBER: GB 9803446.5
/ PRIOR FILING DATE: 1998-02-18
/ NUMBER OF SEQ ID NOS: 15
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 9
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: PCR and DNA sequencing primer for exon 7 sense
US-10-321-555-9

Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4842 CTGGCCTCAGCTTGGGC 4858
DB 2 CTGGCCTCATCTTGGGC 18

RESULT 567
US-10-348-485-90/c
/ Sequence 90, Application US/10348485
/ Publication No. US20030148989A1
/ GENERAL INFORMATION:
/ APPLICANT: Bennett, C. Frank
/ APPLICANT: Dean, Nicholas M.
/ APPLICANT: Holmlund, Jon T.
/ APPLICANT: Dorr, F. Andrew
/ TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
/ FILE REFERENCE: IS184954
/ CURRENT APPLICATION NUMBER: US/10/348,485
/ PRIOR FILING DATE: 2003-01-21
/ PRIOR APPLICATION NUMBER: US/10/025,139
/ PRIOR FILING DATE: 2001-12-18
/ PRIOR APPLICATION NUMBER: US 08/829,637
/ PRIOR FILING DATE: 1997-03-31
/ PRIOR APPLICATION NUMBER: US 08/478,178
/ PRIOR FILING DATE: 1995-06-07
/ PRIOR APPLICATION NUMBER: US 08/089,996
/ PRIOR FILING DATE: 1993-07-09
/ PRIOR APPLICATION NUMBER: US 07/852,852
/ PRIOR FILING DATE: 1992-03-16
/ NUMBER OF SEQ ID NOS: 121
/ SOFTWARE: PatentIn version 3.1
/ SEQ ID NO 90
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-348-485-90

Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 463 GTGGCTCTGGGGGTGC 479
DB 18 GTGGCCCTGGGGGTGC 2

RESULT 568
US-10-345-092-51/c
/ Sequence 51, Application US/10345092
/ Publication No. US20030165506A1
/ GENERAL INFORMATION:
/ APPLICANT: Vlaams Internuniversitair Instituut voor Biotechnol
/ TITLE OF INVENTION: NO. US20030165506A1 alpha-calatenin expressed in heart and testis
/ FILE REFERENCE: FVR/ATC/V067
/ CURRENT APPLICATION NUMBER: US/10/345,092
```

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/ CURRENT FILING DATE: 2003-01-13
/ PRIOR APPLICATION NUMBER: 00202472.7
/ PRIOR FILING DATE: 2000-07-12
/ PRIOR APPLICATION NUMBER: US 60/218,309
/ PRIOR FILING DATE: 2000-07-14
/ NUMBER OF SEQ ID NOS: 134
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 51
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: upper primer
US-10-345-092-51

Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4686 AGAGCCTGTCTGTCC 4702
DB 17 AGAGCCTGTCTGTCC 1

RESULT 569
US-10-174-559-40
/ Sequence 40, Application US/10174559
/ Publication No. US20030232773A1
/ GENERAL INFORMATION:
/ APPLICANT: C. Frank Bennett
/ APPLICANT: Susan M. Freier
/ APPLICANT: Kenneth W. Doble
/ TITLE OF INVENTION: ANTISENSE MODULATION OF DRAK1 EXPRESSION
/ FILE REFERENCE: PTS-0006
/ CURRENT APPLICATION NUMBER: US/10/174,559
/ PRIOR FILING DATE: 2002-06-17
/ NUMBER OF SEQ ID NOS: 112
/ SEQ ID NO 40
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-559-40

Query Match
Best Local Similarity 0.3%; Score 15.4; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1693 ACTCAGACGACCGGAG 1709
DB 1 ACTCGACGACCGGAG 17

RESULT 570
US-10-289-762-6438/c
/ Sequence 6438, Application US/10289762
/ Publication No. US20040006218A1
/ GENERAL INFORMATION:
/ APPLICANT: Griffiths, R.
/ TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
/ TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
/ TITLE OF INVENTION: and treatment of infection
/ FILE REFERENCE: 9710-003-999
/ CURRENT APPLICATION NUMBER: US/10/289,762
/ PRIOR FILING DATE: 2003-03-27
/ NUMBER OF SEQ ID NOS: 6849
/ SEQ ID NO 6438
/ LENGTH: 20
/ TYPE: DNA
/ ORGANISM: Chlamydia pneumoniae
US-10-289-762-6438
```

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2394 GTCTTCTACTTCTCGA 2410
DB 20 GTCTTCTACTTCTCGA 4

RESULT 571
US-10-317-803-74
; Sequence 74, Application US/10317803
; Publication No. US20040115640A1
; GENERAL INFORMATION:
; APPLICANT: Kathleen Myers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ANGIOPOIETIN-2 EXPRESSION
; FILE REFERENCE: RTS-0454
; CURRENT APPLICATION NUMBER: US/10/317,803
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-803-74

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 820 TGGAGAGAGACACA 836
DB 4 TGGTGAAGAGACACA 20

RESULT 572
US-10-303-588-22
; Sequence 22, Application US/10303588
; Publication No. US20040116364A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF DEATH-ASSOCIATED PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0071
; CURRENT APPLICATION NUMBER: US/10/303,588
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-588-22

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 504 ACGCCACCATGTGCC 520
DB 1 ACGTCACCATGTGCC 17

RESULT 573
US-10-745-377-40
; Sequence 40, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.

APPLICANT: Pimstone, Simon
; APPLICANT: Brooke-Wilson, Angela R.
; APPLICANT: Clee, Suzanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
; FILE REFERENCE: 760050-109
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23

PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-40

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1224 GACCAGCAGCTCTCCC 1240
DB 2 GACCTGACGCTCTCCC 18

RESULT 574
US-10-744-730-4
; Sequence 4, Application US/10744730
; Publication No. US20040137491A1
; GENERAL INFORMATION:
; APPLICANT: Tadashi, OKAMOTO
; APPLICANT: Hiromitsu, TAKASE
; APPLICANT: Hiroyuki, HASHIMOTO
; TITLE OF INVENTION: METHOD OF ANALYZING PROBE CARRIER USING TIME-OF-FLIGHT SECONDARY
; TITLE OF INVENTION: ION MASS SPECTROMETRY
; FILE REFERENCE: CRO17354US
; CURRENT APPLICATION NUMBER: US/10/744,730
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: JP 2002-190010
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191391
; PRIOR FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: JP 2002-191414
; PRIOR FILING DATE: 2002-06-28
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Sequence for Target
US-10-744-730-4

Query Match 0.3%; Score 15.4; DB 1; Length 20;
Best Local Similarity 94.1%; Pred. No. 6e+02; 1; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4842 CTGGCTCAGCTTGGGC 4858

Db 2 CTGGCCTCATCTTGGGC 18

RESULT 575
US-09-765-081-392/c
; Sequence 392, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 392
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-392

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 6.5e+02;
Matches 16; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 3368 GGGGCCCTGCAGGAGAA 3386
Db 20 GGGGCCCTGCAGGAGAA 2

RESULT 576
US-09-828-995B-103/c
; Sequence 103, Application US/09828995B
; Patent No. US20020165135A1
; GENERAL INFORMATION:
; APPLICANT: Heeska Corporation
; APPLICANT: McCall, Catherine A.
; APPLICANT: Tang, Liang A.
; TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
; FILE REFERENCE: AL-7
; CURRENT APPLICATION NUMBER: US/09/828,995B
; CURRENT FILING DATE: 2001-04-09
; PRIOR APPLICATION NUMBER: 60/195,874
; PRIOR FILING DATE: 2000-04-07
; PRIOR APPLICATION NUMBER: 60/195,659
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 103
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Primer
US-09-828-995B-103

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3499 GGAAGAACGACGGGAC 3515
Db 21 GGAAGAACGACGGGAC 5

RESULT 577
US-09-750-609-19/c
; Sequence 19, Application US/09750609

; Publication No. US20030170875A1
; GENERAL INFORMATION:
; APPLICANT: Robertson, David
; APPLICANT: Blakely, Randy D.
; TITLE OF INVENTION: GENETIC MUTATION UNDERLYING ORTHOSTATIC INTOLERANCE AND
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC METHODS RELATING THERETO
; FILE REFERENCE: Attorney Docket No. US20030170875A1 1242-27-2-2
; CURRENT APPLICATION NUMBER: US/09/750,609
; CURRENT FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: 60/175,456
; PRIOR FILING DATE: 2000-01-11
; PRIOR APPLICATION NUMBER: 60/173,682
; PRIOR FILING DATE: 1999-12-29
; NUMBER OF SEQ ID NOS: 40
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-750-609-19

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4827 CTCAGTGGAGATCT 4843
Db 21 CTCAGTGGAGATCT 5

RESULT 578
US-10-151-061-19
; Sequence 19, Application US/10151061
; Publication No. US20030219751A1
; GENERAL INFORMATION:
; APPLICANT: Lao, Kai Qin
; APPLICANT: Chen, Caitu
; APPLICANT: Coehler, Ryan
; APPLICANT: Scafe, Charles
; APPLICANT: Schroth, Gary
; TITLE OF INVENTION: THE WHOLE GENOME AMPLIFICATION USING
; TITLE OF INVENTION: SHORT, UNIVERSAL-TAGGED, OLIGO PRIMERS
; FILE REFERENCE: ABOS.004A
; CURRENT APPLICATION NUMBER: US/10/151,061
; CURRENT FILING DATE: 2002-05-16
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A synthetic oligonucleotide probe having homology
; OTHER INFORMATION: with a synthetic oligonucleotide template having
; OTHER INFORMATION: no significant homology to the human genome.
US-10-151-061-19

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1590 GTGGAACAGAGAAGA 1606
Db 4 GTGGAACAGAGAAGA 20

RESULT 579
US-10-349-143-11523/c
; Sequence 11523, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marica

```
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11523
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-9089 for SEQ 3658, in compleme
US-10-349-143-11523

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      273 TCTCTCTTCTCTCTCT 289
Db      17 TCTCTTTTCTCTCTCT 1

RESULT 580
US-10-452-510-170/c
; Sequence 170, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Brooke-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US/10/452,510
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 170
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-170

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1656 GGCTTGCAGCTCCT 1672
Db      17 GGCTTGCAGCTCCT 1

RESULT 581
US-10-452-510-171/c
; Sequence 171, Application US/10452510
; Publication No. US20040005666A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-93
; CURRENT FILING DATE: 2003-06-02
; PRIOR APPLICATION NUMBER: US/10/452,510
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 171
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-452-510-171

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1656 GGCTTGCAGCTCCT 1672
Db      17 GGCTTGCAGCTCCT 1

RESULT 582
US-10-617-334-170/c
; Sequence 170, Application US/10617334
; Publication No. US20040058869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 170
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-170

Query Match          0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1656 GGCTTGCAGCTCCT 1672
Db      17 GGCTTGCAGCTCCT 1
```

```
RESULT 583
US-10-617-334-171/c
; Sequence 171, Application US/10617334
; Publication No. US20040058869A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Brooks-Wilson, Angela R.
; TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
; FILE REFERENCE: 760050-91
; CURRENT APPLICATION NUMBER: US/10/617,334
; CURRENT FILING DATE: 2003-07-10
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: 60/151,977
; PRIOR FILING DATE: 1999-09-01
; NUMBER OF SEQ ID NOS: 287
; SOFTWARE: PatentIn 3.0
; SEQ ID NO 171
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-617-334-171

Query Match      0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1656 GGCTTCGCCAGCTCCT 1672
DB      17  GGCTTCAGCCAGCTCCT 1

RESULT 584
US-10-702-496-91
; Sequence 91, Application US/10702496
; Publication No. US20040121383A1
; GENERAL INFORMATION:
; APPLICANT: Wyeich
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeyang
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; CURRENT FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/429,361
; PRIOR FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 91
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-702-496-91

Query Match      0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1650 AGAGAGGCTTCTGCCA 1666
DB      2  AGAGAGGATTCGCCA 18

RESULT 585
US-10-745-377-202/c
```

```
; Sequence 202, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; FILE REFERENCE: 760050-109
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-202

Query Match      0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1656 GGCTTCGCCAGCTCCT 1672
DB      17  GGCTTCGCCAGCTCCT 1

RESULT 586
US-10-745-377-203/c
; Sequence 203, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: Compositions and Methods for Modulating
; FILE REFERENCE: HDL Cholesterol and Triglyceride Levels
; CURRENT APPLICATION NUMBER: US/10/745,377
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: 09/654,323
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
```


SEQ ID NO 203
LENGTH: 21
TYPE: DNA
ORGANISM: homo sapien
US-10-745-377-203

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTCGCCAGCTCCT 1672
DB 17 GGCTTCGCCAGCTCCT 1

RESULT 587
US-10-753-159-103/c
Sequence 103, Application US/10753159
Publication No. US20040142372A1
GENERAL INFORMATION:
APPLICANT: Heeka Corporation
APPLICANT: McCall, Catherine A.
APPLICANT: Tang, Liang A.
TITLE OF INVENTION: COMPOSITIONS AND METHODS RELATED TO CANINE IGG AND CANINE IL-13 R
FILE REFERENCE: AL-7
CURRENT APPLICATION NUMBER: US/10/753.159
PRIOR FILING DATE: 2004-01-07
PRIOR APPLICATION NUMBER: 60/195,874
PRIOR FILING DATE: 2000-04-07
PRIOR APPLICATION NUMBER: 60/195,659
PRIOR FILING DATE: 2000-04-07
NUMBER OF SEQ ID NOS: 104
SOFTWARE: PatentIn version 3.1
SEQ ID NO 103
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic Primer
US-10-753-159-103

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3499 GGAAGAACGACGGGAC 3515
DB 21 GGAAGAACGACGGGAC 5

RESULT 588
US-10-744-465-170/c
Sequence 170, Application US/10744465
Publication No. US20040157250A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-92
CURRENT APPLICATION NUMBER: US/10/744.465
PRIOR FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: 10/617,334
PRIOR FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977

PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 170
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-744-465-170

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTCGCCAGCTCCT 1672
DB 17 GGCTTCGCCAGCTCCT 1

RESULT 589
US-10-744-465-171/c
Sequence 171, Application US/10744465
Publication No. US20040157250A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-92
CURRENT APPLICATION NUMBER: US/10/744.465
PRIOR FILING DATE: 2003-12-23
PRIOR APPLICATION NUMBER: 10/617,334
PRIOR FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: US 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 171
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-744-465-171

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTCGCCAGCTCCT 1672
DB 17 GGCTTCGCCAGCTCCT 1

RESULT 590
US-10-833-679-170/c
Sequence 170, Application US/10833679
Publication No. US20040185508A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Pimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-135
CURRENT APPLICATION NUMBER: US/10/833.679
PRIOR FILING DATE: 2004-04-28
PRIOR APPLICATION NUMBER: 10/452,510
PRIOR FILING DATE: 2003-06-02

US-10-833-679-170
PRIOR APPLICATION NUMBER: 10/617,334
PRIOR FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: PatentIn 3.0
SEQ ID NO 170
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTGCAGCTCCT 1672
DB 17 GGCTTGCAGCTCCT 1

RESULT 591
US-10-833-679-171/c
Sequence 171, Application US/10633679
Publication No. US20040185508A1
GENERAL INFORMATION:
APPLICANT: Hayden, Michael R.
APPLICANT: Brooks-Wilson, Angela R.
APPLICANT: Rimstone, Simon N.
TITLE OF INVENTION: METHODS AND REAGENTS FOR MODULATING CHOLESTEROL LEVELS
FILE REFERENCE: 760050-135
CURRENT APPLICATION NUMBER: US/10/833,679
CURRENT FILING DATE: 2004-04-28
PRIOR APPLICATION NUMBER: 10/452,510
PRIOR FILING DATE: 2003-06-02
PRIOR APPLICATION NUMBER: 10/617,334
PRIOR FILING DATE: 2003-07-10
PRIOR APPLICATION NUMBER: 09/526,193
PRIOR FILING DATE: 2000-03-15
PRIOR APPLICATION NUMBER: 60/124,702
PRIOR FILING DATE: 1999-03-15
PRIOR APPLICATION NUMBER: 60/138,048
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/139,600
PRIOR FILING DATE: 1999-06-17
PRIOR APPLICATION NUMBER: 60/151,977
PRIOR FILING DATE: 1999-09-01
NUMBER OF SEQ ID NOS: 287
SOFTWARE: PatentIn 3.0
SEQ ID NO 171
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens

Query Match 0.3%; Score 15.4; DB 1; Length 21;
Best Local Similarity 94.1%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1656 GGCTTGCAGCTCCT 1672
DB 17 GGCTTGCAGCTCCT 1

RESULT 592

US-09-750-373-39/c
Sequence 39, Application US/09750373
Patent No. US20020062013A1
GENERAL INFORMATION:
APPLICANT: Lind, Peter
APPLICANT: Wood, Linda S.
APPLICANT: Hiebec, Ronald
APPLICANT: Ruff, Valerie
APPLICANT: Lindberg, Elent
APPLICANT: Parodi, Luis A.
APPLICANT: Vogeli, Gabriel
TITLE OF INVENTION: No. US20020062013A1el G Protein Coupled Receptors
FILE REFERENCE: PHM-0300
CURRENT APPLICATION NUMBER: US/09/750,373
CURRENT FILING DATE: 2000-12-28
PRIOR APPLICATION NUMBER: 60/184,305
PRIOR FILING DATE: 2000-02-23
PRIOR APPLICATION NUMBER: 60/188,880
PRIOR FILING DATE: 2000-03-13
PRIOR APPLICATION NUMBER: 60/219,492
PRIOR FILING DATE: 2000-07-20
PRIOR APPLICATION NUMBER: 60/173,339
PRIOR FILING DATE: 1999-12-28
PRIOR APPLICATION NUMBER: 60/224,321
PRIOR FILING DATE: 2000-08-11
PRIOR APPLICATION NUMBER: 60/200,534
PRIOR FILING DATE: 2000-04-27
PRIOR APPLICATION NUMBER: 60/239,062
PRIOR FILING DATE: 2000-10-09
NUMBER OF SEQ ID NOS: 56
SOFTWARE: PatentIn version 3.0
SEQ ID NO 39
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: No. US20020062013A1el Sequence

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2788 TTGTCAAGTCAGGA 2804
DB 18 TTGTCAAGTCAGGA 2

RESULT 593
US-09-864-636A-1851
Sequence 1851, Application US/09864636A
Publication No. US20030104378A1
GENERAL INFORMATION:
APPLICANT: Third Wave Technologies
APPLICANT: Alwal, Halim
APPLICANT: Bartholomay, Christian
APPLICANT: Chehak, Luvane
TITLE OF INVENTION: Detection of RNA Sequences
FILE REFERENCE: FORS-04944
CURRENT APPLICATION NUMBER: US/09/864,636A
CURRENT FILING DATE: 2002-10-15
NUMBER OF SEQ ID NOS: 2640
SOFTWARE: PatentIn version 3.0
SEQ ID NO 1851
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 7e+02;

US-09-864-636A-1851

Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 3011 CACGCTCTCACCACC 3027
Db 5 CACGCTCTCACCACC 21

RESULT 594

US-09-864-426A-1851
; Sequence 1851, Application US/09864426A
; Publication No. US20040018489A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Ma, Wu Po
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Salsber, Michael
; TITLE OF INVENTION: Enzymes for the Detection of RNA Sequences
; FILE REFERENCE: FORS-04946
; CURRENT APPLICATION NUMBER: US/09/864,426A
; CURRENT FILING DATE: 2001-05-24
; NUMBER OF SEQ ID NOS: 2640
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1851
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-864-426A-1851

Query Match
Best local Similarity 94.1%; Score 15.4; DB 1; Length 22;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3011 CACGCTCTCACCACC 3027
Db 5 CACGCTCTCACCACC 21

RESULT 595

US-10-027-632-51706/c
; Sequence 51706, Application US/10027632
; Publication No. US20020198371A1
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51706
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-51706

Query Match 0.3%; Score 15.4; DB 1; Length 22;

Best local Similarity 76.2%; Pred. No. 7e+02;
Matches 16; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 4189 GGCTTGTTGTTTCAGAGAG 4209
Db 22 GGCTACGTGTTTCWRTAAG 2

RESULT 596

US-10-027-632-51706/c
; Sequence 51706, Application US/10027632
; Publication No. US20030204075A9
; GENERAL INFORMATION:
; APPLICANT: Wang, David G.
; TITLE OF INVENTION: Identification and Mapping of Single Nucleotide
; FILE REFERENCE: 108827.129
; CURRENT APPLICATION NUMBER: US/10/027,632
; CURRENT FILING DATE: 2002-04-30
; PRIOR APPLICATION NUMBER: US 60/218,006
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/198,676
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: US 60/193,483
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: US 60/185,218
; PRIOR FILING DATE: 2000-02-24
; PRIOR APPLICATION NUMBER: US 60/167,363
; PRIOR FILING DATE: 1999-11-23
; PRIOR APPLICATION NUMBER: US 60/156,358
; PRIOR FILING DATE: 1999-09-28
; PRIOR APPLICATION NUMBER: US 60/146,002
; PRIOR FILING DATE: 1999-08-09
; NUMBER OF SEQ ID NOS: 325720
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 51706
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Human
US-10-027-632-51706

Query Match
Best local Similarity 76.2%; Pred. No. 7e+02;
Matches 16; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 4189 GGCTTGTTGTTTCAGAGAG 4209
Db 22 GGCTACGTGTTTCWRTAAG 2

RESULT 597

US-10-084-839-1851
; Sequence 1851, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Bis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: JI, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamichiev, Victor
; APPLICANT: Lyamacheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.

APPLICANT: Olson-Munoz, Marilyn C.
APPLICANT: Schaefer, James J.
APPLICANT: Skrzypczynski, Zbigniew
APPLICANT: Takova, Tereka Y.
APPLICANT: Thompson, Lisa C.
APPLICANT: Vedvik, Kevin L.
FILE OF INVENTION: RNA Detection Assays
FILE REFERENCE: FORS-06666
CURRENT APPLICATION NUMBER: US/10/084,839
CURRENT FILING DATE: 2002-02-26
NUMBER OF SEQ ID NOS: 4004
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1851
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-084-839-1851

Query Match 0.3%; Score 15.4; DB 1; Length 22;
Best Local Similarity 94.1%; Pred. No. 7e+02; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3011 CACGCTCTGCACCACC 3027
Db 5 CACGCTCTGCACCACC 21

RESULT 598
US-10-026-741-1
Sequence 1, Application US/10026741
Publication No. US20030049604A1

GENERAL INFORMATION:

APPLICANT: CHARNEAU, PIERRE
CLAVEL, FRANCOISE
BORVAN, ANDRE
QUILLIENT, CAROLINE
GUETARD, DENISE
MONTAGNIER, ILC
DONTON DE SAINT-MARTIN, JACQUELINE
COHEN, JAOUES

TITLE OF INVENTION: NUCLEOTIDE SEQUENCES OF HIV-1 TYPE (OR
SUBTYPE) ANTIGENS

NUMBER OF SEQUENCES: 103
CORRESPONDENCE ADDRESS:

ADDRESSEE: Flanagan, Henderson, Farbow, Garrett &

STREET: 1300 I Street, N.W.

CITY: Washington

STATE: DC

COUNTRY: USA

ZIP: 20005-3315

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: PatentIn Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/10/026,741

FILING DATE: 27-Dec-2001

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US 08/817,441

FILING DATE: 31-AUG-1998

APPLICATION NUMBER: PCT/FR 95/01391

FILING DATE: 20-OCT-1995

APPLICATION NUMBER: FR 9412554

FILING DATE: 20-OCT-1994

APPLICATION NUMBER: FR 9502526

FILING DATE: 03-MAR-1995

ATTORNEY/AGENT INFORMATION:

NAME: Meyers, Kenneth J.

REGISTRATION NUMBER: 25,146

REFERENCE/DOCKET NUMBER: 03260.6005-00000
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-408-4000
TELEFAX: 202-408-4400
INFORMATION FOR SEQ ID NO: 1:
SEQUENCE CHARACTERISTICS:
LENGTH: 23 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: Other nucleic acid
DESCRIPTION /desc = "Oligonucleotide"
SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-026-741-1

Query Match 0.3%; Score 15.4; DB 1; Length 23;
Best Local Similarity 76.2%; Pred. No. 7.4e+02; Indels 0; Gaps 0;
Matches 16; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 1590 GTGAAACAGAGAGAGAG 1610
Db 2 GTGATWATAGACGAGAG 22

RESULT 599
US-09-734-846-11/c
Sequence 11, Application US/09734846
Patent No. US20010007025A1

GENERAL INFORMATION:

APPLICANT: Bennett, C. Frank

APPLICANT: Dean, Nicholas M.

APPLICANT: Monta, Brett P.

APPLICANT: Nickoloff, Brian J.

APPLICANT: Zhang, Qiongling

TITLE OF INVENTION: Antisense Modulation of bcl-x Expression

FILE REFERENCE: ISPH-0528

CURRENT APPLICATION NUMBER: US/09/734,846

PRIOR FILING DATE: 2000-12-12

PRIOR APPLICATION NUMBER: 09/277,020

PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: 1998-03-26/167,921

PRIOR FILING DATE: 1998-10-07

PRIOR APPLICATION NUMBER: 09/323,743

PRIOR FILING DATE: 1999-06-02

NUMBER OF SEQ ID NOS: 74

SOFTWARE: PatentIn Ver. 2.0

SEQ ID NO 11

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-09-734-846-11

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2830 GGGAGCTGTGTGAAGTTT 2849
Db 20 GGGAGCTGTGTGAAGTTT 1

RESULT 600
US-09-800-631-110/c
Sequence 110, Application US/09800631
Patent No. US2002008228A1

GENERAL INFORMATION:

APPLICANT: Hong Zhang

APPLICANT: Jacqueline Wyal

TITLE OF INVENTION: ANTISENSE MODULATION OF Bcl-2 INTERACTING DOMAIN DEATH AGONIST EXPRESSION

FILE REFERENCE: ISPH-0544

CURRENT APPLICATION NUMBER: US/09/800,631

;; CURRENT FILING DATE: 2001-03-07
;; PRIOR APPLICATION NUMBER: US/09/657,346
;; PRIOR FILING DATE: 2000-09-07
;; NUMBER OF SEQ ID NOS: 175
;; SEQ ID NO 110
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-800-631-110

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 821 GGAGGAGGACACAGCG 840
Db 20 GCAGGAGAGGACAGCG 1

RESULT 601
US-09-756-095-65/c
;; Sequence 65, Application US/09756095
;; Patent No. US20020115207A1
;; GENERAL INFORMATION:
;; APPLICANT: Mitchell, Lloyd G.
;; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
;; FILE REFERENCE: A31304-B-A 072874.0134
;; CURRENT APPLICATION NUMBER: US/09/756,095
;; CURRENT FILING DATE: 2001-01-08
;; PRIOR APPLICATION NUMBER: 09/158,863
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 09/133,717
;; PRIOR FILING DATE: 1998-08-13
;; PRIOR APPLICATION NUMBER: 09/087,233
;; PRIOR FILING DATE: 1998-05-28
;; PRIOR APPLICATION NUMBER: 08/766,354
;; PRIOR FILING DATE: 1996-12-13
;; PRIOR APPLICATION NUMBER: 60/008,317
;; PRIOR FILING DATE: 1995-12-07
;; NUMBER OF SEQ ID NOS: 105
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 65
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Splice junction sequence
US-09-756-095-65

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1953 ATCCACAGCTCTGGAACAT 1972
Db 20 ATCATCAGCCCTGGAACAT 1

RESULT 602
US-09-791-406-17
;; Sequence 17, Application US/09791406
;; Patent No. US20020147165A1
;; GENERAL INFORMATION:
;; APPLICANT: C. Frank Bennett
;; APPLICANT: Robert Rothlein
;; APPLICANT: Takashi Kei Kishimoto
;; APPLICANT: Lex M. Cowsett
;; TITLE OF INVENTION: ANTISENSE MODULATION OF CALRETICULIN EXPRESSION
;; FILE REFERENCE: RTS-0097

;; CURRENT APPLICATION NUMBER: US/09/791,406
;; CURRENT FILING DATE: 2001-02-22
;; NUMBER OF SEQ ID NOS: 89
;; SEQ ID NO 17
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-406-17

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 482 GCCGCCGCCAGCCGAGAGC 501
Db 1 GACGCCAGCCGAGAGC 20

RESULT 603
US-09-996-263-13
;; Sequence 13, Application US/09996263
;; Publication No. US20030004325A1
;; GENERAL INFORMATION:
;; APPLICANT: Phillip Dan Cook
;; TITLE OF INVENTION: Sugar Modified Oligonucleotides
;; NUMBER OF SEQUENCES: 37
;; CORRESPONDENCE ADDRESSES:
;; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz and No. US20030004325A1-13
;; STREET: One Liberty Place - 46th Floor
;; CITY: Philadelphia
;; STATE: PA
;; COUNTRY: U.S.A.
;; ZIP: 19103
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: 3.5 inch disk, 720 Kb
;; COMPUTER: IBM PC compatible
;; OPERATING SYSTEM: PC-DOS/MS-DOS
;; SOFTWARE: WordPerfect 5.1
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/09/996,263
;; FILING DATE: 28-Nov-2000 US20030004325A1-2001
;; CLASSIFICATION: <Unknown>
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: 08/471,973
;; FILING DATE: <Unknown>
;; ATTORNEY/AGENT INFORMATION:
;; NAME: Joseph Lucic
;; REGISTRATION NUMBER: 33,307
;; REFERENCE/DOCKET NUMBER: ISIS-2005
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: 215-568-3100
;; TELEFAX: 215-568-3439
;; INFORMATION FOR SEQ ID NO: 13:
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 20 bases
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;; ANTI-SENSE: yes
;; SEQUENCE DESCRIPTION: SEQ ID NO: 13:
US-09-996-263-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4155 CCTGCTGGCTCTCTGCCC 4174
Db 1 CCTGCTGGCTCTCTCTC 20

```
RESULT 604
US-09-824-322B-275
; Sequence 275, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALPHA
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-275

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1602 AAGGAGAGAGCTCGCGGAA 1621
DB      1 AAGGAGAGAGCTCGAGGAA 20

RESULT 605
US-09-888-326-554
; Sequence 554, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; PRIOR FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 554
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: chimeric phosphorothioate/phosphodiester backbone
; OTHER INFORMATION: with phosphorothioate at 5' and 3' ends
US-09-888-326-554

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1357 TGCACGAGGCTCGTGAATCT 1376
DB      1 TCCATGACGGTCTCGTGAATCT 20
```

```
RESULT 606
US-09-941-492-65/C
; Sequence 65, Application US/09941492
; Publication No. US20030027250A1
; GENERAL INFORMATION:
; APPLICANT: Mitchell, Lloyd
; APPLICANT: Garcia-Blanco, Mariano M.
; APPLICANT: Puttaraju, Madalah
; APPLICANT: Mansfield, Gary S.
; TITLE OF INVENTION: METHODS OF COMPOSITIONS FOR USE IN
; FILE REFERENCE: A31304-B-AE (072874.0156)
; CURRENT APPLICATION NUMBER: US/09/941,492
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/838,858
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: 09/756,096
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 09/158,863
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 09/133,717
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: 09/087,233
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 08/766,354
; PRIOR FILING DATE: 1996-12-13
; NUMBER OF SEQ ID NOS: 125
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Splice junction sequence
US-09-941-492-65

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1953 ATCCACGCGCTCTGGAACAT 1972
DB      20 ATCATCAGCGCTCGGAACAT 1

RESULT 607
US-09-756-096A-65/C
; Sequence 65, Application US/09756096A
; Publication No. US2003007754A1
; GENERAL INFORMATION:
; APPLICANT: Mitchell, Lloyd G.
; APPLICANT: Garcia-Blanco, Mariano M.
; APPLICANT: Puttaraju, Madalah
; APPLICANT: Mansfield, Gary S.
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
; FILE REFERENCE: A31304-B-A-B 072874.0135
; CURRENT APPLICATION NUMBER: US/09/756,096A
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: 09/158,863
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 09/133,717
; PRIOR FILING DATE: 1998-08-13
; PRIOR APPLICATION NUMBER: 09/087,233
; PRIOR FILING DATE: 1998-05-28
; PRIOR APPLICATION NUMBER: 08/766,354
; PRIOR FILING DATE: 1996-12-13
; PRIOR APPLICATION NUMBER: 60/008,317
; PRIOR FILING DATE: 1995-12-15
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
```

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Splice junction sequence
US-09-756-096A-65

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1953 ATCCACGAGCTCTGGAACAT 1972
DB 20 ATCATCAGCGCTCTGGAACAT 1

RESULT 608
US-09-776-479-38
Sequence 38, Application US/09776479
Publication No. US20030087848A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-38

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376
DB 1 TCCATGACGGTCTGAGTCT 20

RESULT 609
US-09-776-479-38
Sequence 38, Application US/09776479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 38
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence

US-09-776-479-38

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376
DB 1 TCCATGACGGTCTGAGTCT 20

RESULT 610
US-09-776-479-39
Sequence 39, Application US/09776479
Publication No. US20030087848A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-39

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376
DB 1 TCCATGACGGTCTGAGTCT 20

RESULT 611
US-09-776-479-39
Sequence 39, Application US/09776479
Publication No. US20040067902A9
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
APPLICANT: Petersen, Deanna M.
TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
FILE REFERENCE: C1037/7013 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/09/776,479
CURRENT FILING DATE: 2001-02-02
PRIOR APPLICATION NUMBER: US 60/179,991
PRIOR FILING DATE: 2000-02-03
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 39
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-09-776-479-39

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      1357 TGCACGAGGGTCTCTGAGTCT 1376
          |||||
Db      1   TCATGACGGTCTCTGAGTCT 20

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RESULT 612
US-09-920-394-22/c
: Sequence 22, Application US/09920394
: Publication No. US20030096773A1
: GENERAL INFORMATION:
: APPLICANT: Rosanne M. Crooke
: APPLICANT: Mark J. Graham
: APPLICANT: Kristina M. Lemonidis
: TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFERASE
: TITLE OF INVENTION: EXPRESSION
: PTL REFERENCE: ISPH-0589
: CURRENT APPLICATION NUMBER: US/09/920,394
: CURRENT FILING DATE: 2001-08-01
: NUMBER OF SEQ ID NOS: 62
: SEQ ID NO 22
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
: US-09-920-394-22

```

```

RESULT 613
US-09-961-001-71
Sequence 71, Application US/09961001
Publication No. US20030109466A1
GENERAL INFORMATION:
APPLICANT: Brett P. Morla
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF KSR EXPRESSION
FILE REFERENCE: RTS-0280
CURRENT APPLICATION NUMBER: US/09/961, 001
CURRENT FILING DATE: 2001-09-20
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-961-001-71

```

RESULT 614
US-09-840-743-103/c
; Sequence 103, Application US/09840743
; Publication No. US20030135850A1
; GENERAL INFORMATION:
; APPLICANT: Fischer, Robert L.
; APPLICANT: Choi, Yoonhee

```

APPLICANT: Hammon, Mike
APPLICANT: Okumuro, Jack Kishiro
APPLICANT: Tatarinova, Tatiana Valerievna
APPLICANT: The Regents of the University of California
TITLE OF INVENTION: Nucleic Acids That Control Plant Development
FILE REFERENCE: 023070-095910US
CURRENT APPLICATION NUMBER: US/09/840, 743
CURRENT FILING DATE: 2001-04-23
PRIOR APPLICATION NUMBER: US 09/553,650
PRIOR FILING DATE: 2000-04-21
NUMBER OF SEQ ID NOS: 119
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 103
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:primer SKB-3
US-09-840-743-103

```

```

RESULT 615
US-09-838-858-65/c
Sequence 65, Application US/0983858
Publication No. US20030148937A1
GENERAL INFORMATION:
APPLICANT: Mansfield, Gary S.
APPLICANT: Mitchell, Lloyd G.
APPLICANT: Garcia-Blanco, Mariano A.
APPLICANT: Walsh, Christopher E.
APPLICANT: Chao, Hengjun
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR USE IN
FILE REFERENCE: A13104-BAD 072874_01
CURRENT APPLICATION NUMBER: US/09/838, 858
CURRENT FILING DATE: 2001-04-20
PRIORITY APPLICATION NUMBER: 09/756, 096
PRIORITY FILING DATE: 2001-02-08
PRIORITY APPLICATION NUMBER: 09/158, 863
PRIORITY FILING DATE: 1998-09-23
PRIORITY APPLICATION NUMBER: 09/133, 717
PRIORITY FILING DATE: 1998-08-13
PRIORITY APPLICATION NUMBER: 09/087, 233
PRIORITY FILING DATE: 1998-05-28
PRIORITY APPLICATION NUMBER: 08/766, 354
PRIORITY FILING DATE: 1996-12-13
PRIORITY APPLICATION NUMBER: 60/008, 317
PRIORITY FILING DATE: 1995-12-15
NUMBER OF SEQ. ID NOS: 113
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Splice junction sequence
US-09-838-858-65

```


RESULT 616
US-09-965-101-25
; Sequence 25, Application US/09965101
; Publication No. US20040186067A1
; GENERAL INFORMATION:
; APPLICANT: Davis, Heather L.
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Schott, Joachim
; APPLICANT: Wu, Tong
; TITLE OF INVENTION: Vectors and Methods for Immunization or
; FILE REFERENCE: C1039/7057 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/965,101
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: US 09/082,649
; PRIOR FILING DATE: 1998-05-20
; PRIOR APPLICATION NUMBER: US 60/047,233
; PRIOR FILING DATE: 1997-05-20
; PRIOR APPLICATION NUMBER: US 60/047,209
; PRIOR FILING DATE: 1997-05-20
; NUMBER OF SEQ ID NOS: 84
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 25
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic oligonucleotide
US-09-965-101-25

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 300 TGGTTCTGTAATGAGAG 319
Db 1 TCGTTCTGTATGAGAG 20

RESULT 617
US-10-057-550-28
; Sequence 28, Application US/10057550
; Publication No. US20030032607A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/057,550
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: 09/506,073
; PRIOR FILING DATE: 2000-02-18
; PRIOR APPLICATION NUMBER: US 09/143,214
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: PCT/US98/13961
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: US 08/888,982
; PRIOR FILING DATE: 1997-07-07
; PRIOR APPLICATION NUMBER: US 08/756,806
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: PCT/US95/07111
; PRIOR FILING DATE: 1995-05-31
; PRIOR APPLICATION NUMBER: US 08/250,856
; PRIOR FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-057-550-28

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4155 CCTGCTGGCTCTCTCTGCC 4174
Db 1 CCTGCTGGCTCTCTCTCTC 20

RESULT 618
US-10-112-653-38
; Sequence 38, Application US/10112653
; Publication No. US20030050268A1
; GENERAL INFORMATION:
; APPLICANT: Kriegl, Arthur M.
; APPLICANT: Berg, Daniel J.
; TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
; FILE REFERENCE: C01039/70060 (AMS)
; CURRENT APPLICATION NUMBER: US/10/112,653
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/279,642
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-38

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1357 TGCACGAGGCTCTGAGTCT 1376
Db 1 TCCATGACGGTCTCTGAGTCT 20

RESULT 619
US-10-017-995-38
; Sequence 38, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-38

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1357 TGCACGAGGCTCTGAGTCT 1376
Db 1 TCCATGACGGTCTCTGAGTCT 20

```
RESULT 620
US-10-017-995-39
; Sequence 39, Application US/10017995
; Publication No. US2003055014A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-39

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1357 TGCACGAGGCTCTGAGTCT 1376
Db      1 TCCATGACGGTCTGAGTCT 20

RESULT 621
US-10-081-969-43/C
; Sequence 43, Application US/10081969
; Publication No. US20030104625A1
; GENERAL INFORMATION:
; APPLICANT: Cheng, Cheng
; APPLICANT: Clarke, Lori
; APPLICANT: Connolly, Sheila
; APPLICANT: Emniet, David
; APPLICANT: Forry-Schaulder, Suzanne
; APPLICANT: Gorziglia, Mario
; APPLICANT: Hallenbeck, Paul
; APPLICANT: Hay, Carl
; APPLICANT: Jakubczak, John
; APPLICANT: Kaleko, Michael
; APPLICANT: Philippe, Sandrina
; APPLICANT: Police, Seshidhar
; APPLICANT: Ryan, Patricia
; APPLICANT: Steward, David
; APPLICANT: Xie, Yuefeng
; TITLE OF INVENTION: No. US20030104625A1el Oncolytic Adenoviral Vectors
; FILE REFERENCE: 4-31704A/GTI
; CURRENT APPLICATION NUMBER: US/10/081,969
; CURRENT FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: US 60/270,922
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: US 60/235,037
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: US 60/348,670
; PRIOR FILING DATE: 2000-01-14
; NUMBER OF SEQ ID NOS: 98
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 43
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Viral vector sequence
; NAME/KEY: misc_feature
; LOCATION: (1)..(20)
```

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; OTHER INFORMATION: Fig.25, E3a.4 primer sequence
US-10-081-969-43

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      13925 CGCGCGCGCGCTGCGCAGTC 13944
Db      20 CGCGCGCGCGCTGCGCAGTC 1

RESULT 622
US-10-173-225B-27
; Sequence 27, Application US/10173225B
; Publication No. US20030119769A1
; GENERAL INFORMATION:
; APPLICANT: Monla, Brett P.
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of raf Gene Expression
; FILE REFERENCE: ISPH-0665
; CURRENT APPLICATION NUMBER: US/10/173,225B
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: US 10/057,550
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: US 09/143,214
; PRIOR FILING DATE: 1998-08-28
; PRIOR APPLICATION NUMBER: PCT/US98/13961
; PRIOR FILING DATE: 1998-07-06
; PRIOR APPLICATION NUMBER: US 08/888,982
; PRIOR FILING DATE: 1997-07-07
; PRIOR APPLICATION NUMBER: US 08/756,806
; PRIOR FILING DATE: 1996-11-26
; PRIOR APPLICATION NUMBER: PCT/US95/07111
; PRIOR FILING DATE: 1995-05-31
; PRIOR APPLICATION NUMBER: US 08/250,856
; PRIOR FILING DATE: 1994-05-31
; NUMBER OF SEQ ID NOS: 109
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: antisense sequence
US-10-173-225B-27

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4155 CCTGCTGAGCTCTCTGCGCC 4174
Db      1 CCTGCTGAGCTCTCTGCGCTC 20

RESULT 623
US-10-010-002-81
; Sequence 81, Application US/10010002
; Publication No. US20030125277A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS
; FILE REFERENCE: RTS-0331
; CURRENT APPLICATION NUMBER: US/10/010,002
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-010-002-81
```

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3473 ACAGAGCTCAAGCCCAAGT 3492
DB 1 AAAGAGCCCAAGCCCAAGT 20

RESULT 624

US-10-293-783-110/c
; Sequence 110, Application US/10293783
; Publication No. US20030130222A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF B3 INTERACTING DOMAIN DEATH AGONIST EXP
; FILE REFERENCE: ISPH-0544
; CURRENT APPLICATION NUMBER: US/10/293,783
; PRIOR FILING DATE: 2002-11-13
; PRIOR APPLICATION NUMBER: US/09/800,631
; PRIOR FILING DATE: 2001-03-07
; PRIOR APPLICATION NUMBER: US/09/657,346
; PRIOR FILING DATE: 2000-09-07
; NUMBER OF SEQ ID NOS: 175
; SEQ ID NO 110
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-783-110

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 821 GGAGAGAGAGACACAGCG 840
DB 20 GCAGGAAGAGACACAGCG 1

RESULT 625

US-10-032-585-5858
; Sequence 5858, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5858
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5858

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4328 TCTTGACTCTGGAGCCCA 4347
DB 1 TCTTGAGCTTTGGAGCCCA 20

RESULT 626

US-10-352-586-13
; Sequence 13, Application US/10352586
; Publication No. US20030187240A1
; GENERAL INFORMATION:
; APPLICANT: Cook, Phillip Dan
; APPLICANT: Kawasaki, Andrew
; TITLE OF INVENTION: 2'-Modified Oligonucleotides
; FILE REFERENCE: ISIS5137
; CURRENT APPLICATION NUMBER: US/10/352,586
; CURRENT FILING DATE: 2003-01-28
; PRIOR APPLICATION NUMBER: 09/389,283
; PRIOR FILING DATE: 1999-09-02
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-352-586-13

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4155 CTTGCTGCTCTCTCTGCC 4174
DB 1 CTTGCTGCTCTCTCTCTCT 20

RESULT 627

US-10-302-262-11/c
; Sequence 11, Application US/10302262
; Publication No. US20030191300A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Bret P.
; APPLICANT: Nickoloff, Brian J.
; APPLICANT: Zhang, QingQing
; TITLE OF INVENTION: Antisense Modulation of bcl-x Expression
; FILE REFERENCE: ISPH-0528
; CURRENT APPLICATION NUMBER: US/10/302,262
; CURRENT FILING DATE: 2002-11-21
; PRIOR APPLICATION NUMBER: US/09/734,846
; PRIOR FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: 09/277,020
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 09/167,921
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 09/323,743
; PRIOR FILING DATE: 1999-06-02
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 11
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-302-262-11

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2830 GGGAGCTGGTGGCACTT 2849
DB 20 GGGAGCTGGTGGCACTT 1

```
RESULT 628
US-10-126-355-29/c
; Sequence 29, Application US/10126355
; Publication No. US20030198965A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF HYDROXYSTEROID
; FILE REFERENCE: R15-0428
; CURRENT APPLICATION NUMBER: US/10/126,355
; PRIOR FILING DATE: 2002-04-19
; NUMBER OF SEQ ID NOS: 122
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-126-355-29

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3324 CCCACAGCCTGGAGCTACGA 3343
DB      20 CCCACAGCCTGGAGCTTGA 1

RESULT 629
US-10-314-578-38
; Sequence 38, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jorg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-38

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1357 TGCACAGGCTCTGAGTCT 1376
DB      1 TCCATGACGCTCTGAGTCT 20

RESULT 630
US-10-314-578-39
; Sequence 39, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieg, Arthur M.

RESULT 631
US-10-380-931-93/c
; Sequence 93, Application US/10380931
; Publication No. US20030215944A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: OLIGONUCLEOTIDE INHIBITION OF HER-1 EXPRESSION
; FILE REFERENCE: R15P-0187
; CURRENT APPLICATION NUMBER: US/10/380,931
; PRIOR FILING DATE: 2003-03-18
; PRIOR APPLICATION NUMBER: 09/676,610
; PRIOR FILING DATE: 2000-09-29
; NUMBER OF SEQ ID NOS: 182
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-931-93

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3833 CCCGTCAGCTCCAGGCC 3852
DB      20 CCCGTCAGCTCCAGGCC 1

RESULT 632
US-10-424-233-41
; Sequence 41, Application US/10424233
; Publication No. US20030220263A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL HUMAN LEUCINE-RICH REPEAT-CONTAINING PROTEINS SPECIFICALLY
; FILE REFERENCE: D0233 NP
```

```
; CURRENT APPLICATION NUMBER: US/10/424.233
; CURRENT FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: U.S. 60/375,335
; PRIOR FILING DATE: 2002-04-25
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-424-233-41

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1578 TTGCTGATCTTGTGGAAC 1597
DB      1 TTGCTGAGCTTGTGGAATC 20

RESULT 633
US-10-388-263-762/c
; Sequence 762, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Saamor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388.263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 762
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-762

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      821 CGAGGAGAGGACACAGCG 840
DB      20 GCAGGAGAGGACACAGCG 1

RESULT 634
US-10-173-902-19/c
; Sequence 19, Application US/10173902
; Publication No. US20030232769A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 39 EXPRESSION
; FILE REFERENCE: PTS-0044
; CURRENT APPLICATION NUMBER: US/10/173.902
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 74
```

```
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-902-19

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3755 GCTGCGCTCCTTCACGNGCT 3774
DB      20 GCTACGCTGCTGCACGNGCT 1

RESULT 635
US-10-173-902-52
; Sequence 52, Application US/10173902
; Publication No. US20030232769A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 39 EXPRESSION
; FILE REFERENCE: PTS-0044
; CURRENT APPLICATION NUMBER: US/10/173.902
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 74
; SEQ ID NO 52
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-173-902-52

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3755 GCTGCGCTCCTTCACGNGCT 3774
DB      1 GCTACGCTGCTGCACGNGCT 20

RESULT 636
US-10-177-554-158
; Sequence 158, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: PTS-0370
; CURRENT APPLICATION NUMBER: US/10/177.554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 158
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-554-158

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      571 CCAGGACAGGCAAGACAGG 590
DB      1 CTAAGACAGGCAAGACAGG 20
```

```
RESULT 637
US-10-349-143-10366/c
; Sequence 10366, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10366
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-11449 for SEQ 2501, in complet
US-10-349-143-10366

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4923 CACAGTTAGCCAGCCCC 4942
Db      20 CAGAGTTAGCCAGTCCCC 1

RESULT 638
US-10-349-143-10608
; Sequence 10608, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10608
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-16751 for SEQ 2743, in complet
US-10-349-143-10608

Query Match      0.3%; Score 15.2; DB 1; Length 20;
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```
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3475 AGGAGTCAGGCCAGCTGAC 3494
Db      1 AGGAGCAAGACCCAGAGAC 20

RESULT 639
US-10-190-366-210/c
; Sequence 210, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 210
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-190-366-210

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4850 AGCTGGGCTAGAGATGCCA 4869
Db      20 AGCTGGGCCAGAGAGACA 1

RESULT 640
US-10-190-366-403
; Sequence 403, Application US/10190366
; Publication No. US20040006031A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
; FILE REFERENCE: PTS-0023
; CURRENT APPLICATION NUMBER: US/10/190,366
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 409
; SEQ ID NO 403
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
; OTHER INFORMATION:
US-10-190-366-403

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4850 AGCTGGGCTAGAGATGCCA 4869
Db      1 AGCTGGGCCAGAGAGACA 20

RESULT 641
US-10-289-762-2051/c
; Sequence 2051, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffaia, R.
```

```

; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2051
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2051

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2098 TCAATGGAACCTCCTTAGGG 2117
Db      20   TCAATGAAGCTCCGCTAGGG 1

RESULT 642
US-10-289-762-2860/c
; Sequence 2860, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2860
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2860

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4242 TGCCTGAGAGCTTAGACC 4261
Db      20   TGCCTGAGAGCTTAGCTCC 1

RESULT 643
US-10-199-675-75
; Sequence 75, Application US/10199675
; Publication No. US20040014050A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF EDG8 EXPRESSION
; FILE REFERENCE: RTS-0371
; CURRENT APPLICATION NUMBER: US/10/199,675
; CURRENT FILING DATE: 2002-07-19
; NUMBER OF SEQ ID NOS: 112
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-675-75

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      4634 AAGGCGCGGCGCTTAGAG 4653
Db      1     AAGGATCGGCGCTTCAGAG 20

RESULT 644
US-10-200-293-65/c
; Sequence 65, Application US/10200293
; Publication No. US20040014699A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRM EXPRESSION
; FILE REFERENCE: PTS-0040
; CURRENT APPLICATION NUMBER: US/10/200,293
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-200-293-65

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1284 ATCACATGCTGTCCAGCT 1303
Db      20   ATCATCATGTGTACCAATCT 1

RESULT 645
US-10-188-248-126
; Sequence 126, Application US/10188248
; Publication No. US20040029790A1
; GENERAL INFORMATION:
; APPLICANT: Patlurajan, Meera
; APPLICANT: Gerlach, Valerie
; APPLICANT: Anderson, David W.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Casman, Stacie J.
; APPLICANT: Hjalte, Tord
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Shinkete, Richard A.
; APPLICANT: Malvankar, Uriel M.
; APPLICANT: Zhong, Mei
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Gorman, Linda
; APPLICANT: Edinger, Shlomoit R.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS
; FILE REFERENCE: 21402-297D
; CURRENT APPLICATION NUMBER: US/10/188,248
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/303,046
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/303,828
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: 60/358,932
; PRIOR FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: 60/304,502
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 60/305,011
; PRIOR FILING DATE: 2001-07-12
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; PRIOR APPLICATION NUMBER: 60/305,262
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 60/307,536
; PRIOR FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: 60/306,085
; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 60/308,228
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/323,449
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 234
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-188-248-126

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      337 TCCTTTCCTCCTGAGCGC 356
DB      1 TCCCTTCCTTACTGAGTGC 20

RESULT 646
US-10-188-248-129
; Sequence 129, Application US/10188248
; Publication No. US20040029790A1
; GENERAL INFORMATION:
; APPLICANT: Paturajan, Meera
; APPLICANT: Gerlach, Valerie
; APPLICANT: Anderson, David W.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Zehrusen, Bryan D.
; APPLICANT: Guo, Xiaojia Saehe
; APPLICANT: Casman, Stacie J.
; APPLICANT: Hjalte, Tord
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Malyankar, Urfel M.
; APPLICANT: Zhong, Mei
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Li, Li
; APPLICANT: Shenoy, Sureesh G.
; APPLICANT: Edinger, Shlomit R.
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS C
; TITLE OF INVENTION: THE SAME
; FILE REFERENCE: 21402-237D
; CURRENT APPLICATION NUMBER: US/10/188,248
; CURRENT FILING DATE: 2002-07-02
; PRIOR APPLICATION NUMBER: 60/303,046
; PRIOR FILING DATE: 2001-07-05
; PRIOR APPLICATION NUMBER: 60/303,828
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: 60/358,932
; PRIOR FILING DATE: 2002-02-22
; PRIOR APPLICATION NUMBER: 60/304,502
; PRIOR FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 60/305,011
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 60/305,262
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 60/307,536
; PRIOR FILING DATE: 2001-07-24
; PRIOR APPLICATION NUMBER: 60/306,085
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; PRIOR FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 60/308,228
; PRIOR FILING DATE: 2001-07-27
; PRIOR APPLICATION NUMBER: 60/323,449
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 234
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 129
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-188-248-129

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      337 TCCTTTCCTCCTGAGCGC 356
DB      1 TCCCTTCCTTACTGAGTGC 20

RESULT 647
US-10-449-237-2/c
; Sequence 2, Application US/10449237
; Publication No. US20040034206A1
; GENERAL INFORMATION:
; APPLICANT: Malcolm, Bruce
; APPLICANT: Reyes, Gregory R.
; TITLE OF INVENTION: COMBINATION THERAPY FOR RNA VIRUS INFECTIONS
; TITLE OF INVENTION: INVOLVING RIBAVIRIN AND IMPDH INHIBITORS
; FILE REFERENCE: ID01586-K-US
; CURRENT APPLICATION NUMBER: US/10/449,237
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: 60/384,658
; PRIOR FILING DATE: 2002-05-31
; PRIOR APPLICATION NUMBER: 60/405,546
; PRIOR FILING DATE: 2002-08-22
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Hepatitis C virus
US-10-449-237-2

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2991 GAAACGACGTGCCATCTA 3010
DB      20 GAAACGACGTGCCATCAA 1

RESULT 648
US-10-409-107A-59/c
; Sequence 59, Application US/10409107A
; Publication No. US20040053288A1
; GENERAL INFORMATION:
; APPLICANT: YANAI, Yoshiaki
; APPLICANT: YAMAMOTO, Shigetō
; APPLICANT: YAMAMOTO, Kozo
; APPLICANT: IKEGAMI, Hakuo
; TITLE OF INVENTION: Method for estimating therapeutic efficacy of tumor necrosis
; TITLE OF INVENTION: factor
; FILE REFERENCE: YANAI=3
; CURRENT APPLICATION NUMBER: US/10/409,107A
; CURRENT FILING DATE: 2003-04-19
; PRIOR APPLICATION NUMBER: JP 107126/2002
```


PRIOR FILING DATE: 2002-04-09
NUMBER OF SEQ ID NOS: 100
SOFTWARE: PatentIn version 3.2
SEQ ID NO 59
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Oligonucleotide used as primer for PCR detection of p38 mRNA
US-10-409-107A-59.

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3936 CTGCCAGTCAAGAGCCCGGC 3955
DB 20 CTTCCAGTCACAGCTCGGC 1

RESULT 649
US-10-363-828-60/c
Sequence 60, Application US/10363828
Publication No. US20040076973A1
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Brett P. Monia
TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE EXPRESSION
FILE REFERENCE: RPS-0164
CURRENT APPLICATION NUMBER: US/10/363,828
CURRENT FILING DATE: 2003-03-06
PRIOR APPLICATION NUMBER: 09/657,481
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 60
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-363-828-60

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1651 GAGAAGCTTCTGCCAGCTC 1670
DB 20 GATATGGCATCTGCCAGCTC 1

RESULT 650
US-10-273-826-22/c
Sequence 22, Application US/10273826
Publication No. US20040077083A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
FILE REFERENCE: RPS-0161
CURRENT APPLICATION NUMBER: US/10/273,826
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-273-826-22

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;

Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1674 CAGCAGTGAAGAACAGCA 1693
DB 20 CAGCAGCTCAAGAACAGCA 1

RESULT 651
US-10-273-826-33
Sequence 33, Application US/10273826
Publication No. US20040077083A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
FILE REFERENCE: RPS-0161
CURRENT APPLICATION NUMBER: US/10/273,826
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-273-826-33

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2605 GTGACACAGCCCTGTCTT 2624
DB 1 GTACACCTGAGCCCGTCTT 20

RESULT 652
US-10-274-347-22/c
Sequence 22, Application US/10274347
Publication No. US20040077084A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
APPLICANT: Steven Davidsen
APPLICANT: Junling Li
TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
FILE REFERENCE: RPS-0264
CURRENT APPLICATION NUMBER: US/10/274,347
CURRENT FILING DATE: 2002-10-17
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 22
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-347-22

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1674 CAGCAGTGAAGAACAGCA 1693
DB 20 CAGCAGCTCAAGAACAGCA 1

RESULT 653
US-10-274-347-33
Sequence 33, Application US/10274347
Publication No. US20040077084A1
GENERAL INFORMATION:
APPLICANT: Andrew T. Watt
APPLICANT: Steven Davidsen

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; APPLICANT: Junling Li
; APPLICANT: Keith Glaser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
; FILE REFERENCE: RTS-0264
; CURRENT APPLICATION NUMBER: US/10/274,347
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-347-33

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2605 GTGACCCAGCCCTGTCTTT 2624
DB      1 GTGACCACTGCGCCGTCTTT 20
      |||||
      |||||

RESULT 654
US-10-300-424-68/c
; Sequence 68, Application US/10300424
; Publication No. US20040096835A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION
; FILE REFERENCE: RTS-0437
; CURRENT APPLICATION NUMBER: US/10/300,424
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 129
; SEQ ID NO 68
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-424-68

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3263 GGGGCCCTTGGGCCACCAA 3282
DB      20 GGGGCCCTTGTGTACACCA 1
      |||||
      |||||

RESULT 655
US-10-300-424-120
; Sequence 120, Application US/10300424
; Publication No. US20040096835A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF TNFSF14 EXPRESSION
; FILE REFERENCE: RTS-0437
; CURRENT APPLICATION NUMBER: US/10/300,424
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 129
; SEQ ID NO 120
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-300-424-120

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      3263 GGGGCCCTTGGGCCACCAA 3282
DB      1 GGGGCCCTTGTGTACACCA 20
      |||||
      |||||

RESULT 656
US-10-623-472-21/c
; Sequence 21, Application US/10623472
; Publication No. US20040096913A1
; GENERAL INFORMATION:
; APPLICANT: Rijksuniversiteit Groningen
; APPLICANT: Bodeke, Erik H.W.G.M.
; APPLICANT: Biber, Knut
; TITLE OF INVENTION: Cloning and expression of a new MCP receptor in glial cells
; FILE REFERENCE: 2183-6042US
; CURRENT APPLICATION NUMBER: US/10/623,472
; CURRENT FILING DATE: 2003-07-18
; PRIOR APPLICATION NUMBER: PCT/NL02/00039
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: EP 01200181.4
; PRIOR FILING DATE: 2001-01-18
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer sequence for D6
US-10-623-472-21

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1667 GCTCTGCAGCAGATGAGA 1686
DB      20 GCTCATGCAGGTATGAGA 1
      |||||
      |||||

RESULT 657
US-10-688-706-1471
; Sequence 1471, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Broschat, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688,706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1471
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1471

Query Match          0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      423 CAGTTGCACTGGAGGGCC 442
DB      1 CAGATTGAAGTGGAGGGTCC 20
      |||||
      |||||
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RESULT 658
US-10-316-232-22/c
; Sequence 22, Application US/10316232
; Publication No. US20040110144A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EMAP-II EXPRESSION
; FILE REFERENCE: HTS-0074
; CURRENT APPLICATION NUMBER: US/10/316,232
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-232-22

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1403 AGTCACCTTTGAGGTGAAG 1422
DB      20 AGTTCCTTTGAGGTGAAG 1

RESULT 659
US-10-316-232-55
; Sequence 55, Application US/10316232
; Publication No. US20040110144A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EMAP-II EXPRESSION
; FILE REFERENCE: HTS-0074
; CURRENT APPLICATION NUMBER: US/10/316,232
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 72
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-232-55

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1403 AGTCACCTTTGAGGTGAAG 1422
DB      1 AGTTCCTTTGAGGTGAAG 20

RESULT 660
US-10-477-435-16
; Sequence 16, Application US/10477435
; Publication No. US20040115688A1
; GENERAL INFORMATION:
; APPLICANT: SLOAN-KETTERING INSTITUTE FOR CANCER RESEARCH
; APPLICANT: Cheung, Irene Y.
; APPLICANT: Cheung, Nai-Kong V.
; TITLE OF INVENTION: Detection of G2D Synthase mRNA And Uses Thereof
; FILE REFERENCE: 652-A-PCT
; CURRENT APPLICATION NUMBER: US/10/477,435
; CURRENT FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: US 60/290,527
; PRIOR FILING DATE: 2001-05-11

; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: human
; FEATURE:
; NAME/KEY: primer bind
; LOCATION: (1)..(20)
; OTHER INFORMATION: BAGE forward primer
US-10-477-435-16

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1583 GATCTGTGTGGAACAGAGA 1602
DB      1 GATGTGTGTGCAACAGAGA 20

RESULT 661
US-10-303-588-44/c
; Sequence 44, Application US/10303588
; Publication No. US20040116364A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF DEATH-ASSOCIATED PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: HTS-0071
; CURRENT APPLICATION NUMBER: US/10/303,588
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-588-44

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1885 AGGAGTGCTGCGAGATCCTC 1904
DB      20 AGGAGTGCTGCGAGATCCTC 1

RESULT 662
US-10-303-588-75
; Sequence 75, Application US/10303588
; Publication No. US20040116364A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF DEATH-ASSOCIATED PROTEIN KINASE 1 EXPRESSION
; FILE REFERENCE: HTS-0071
; CURRENT APPLICATION NUMBER: US/10/303,588
; CURRENT FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 75
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-588-75

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1885 AGGAGTGCTGCGAGATCCTC 1904
DB      1 AGGAGTGCTGCGAGATCCTC 1904
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```
Db      1 AGGAGCTGCTGCAGATCCTC 20

RESULT 663
US-10-744-831-81
; Sequence 81, Application US/10744831
; Publication No. US20040121977A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ACTIVATING TRANSCRIPTION FACTOR 3 EXPRESS
; FILE REFERENCE: FTS-0331
; CURRENT APPLICATION NUMBER: US/10/744,831
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US/10/010,002
; PRIOR FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 91
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-744-831-81

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3473 ACAGAGTCAAGCCGAGTG 3492
Db      1 AAAGAGCCAGAGGCGCAGTG 20

RESULT 664
US-10-671-395-648/C
; Sequence 648, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOVAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 648
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human pGE2 antisense
US-10-671-395-648

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3018 CTCACCCACCATGGGAGATT 3037
Db      20 CTCAGCCACCATCTGGAGTT 1

RESULT 665
US-10-652-795-275
; Sequence 275, Application US/10652795
; Publication No. US20040142346A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda

; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-AL
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/652,795
; CURRENT FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-275

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1602 AAGGAGAAGATCTGCGGAA 1621
Db      1 AAGGAGAAGAGGCTGAGGAA 20

RESULT 666
US-10-647-918-275
; Sequence 275, Application US/10647918
; Publication No. US20040152652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-AL
; TITLE OF INVENTION: ALPHA) EXPRESSION
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-275

Query Match      0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1602 AAGGAGAAGATCTGCGGAA 1621
Db      1 AAGGAGAAGAGGCTGAGGAA 20

RESULT 667
US-10-641-455A-233
; Sequence 233, Application US/10641455A
```

Publication No. US20040171566A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Mai Shu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
ACTIVATED PROTEIN KINASE EXPRESSION
FILE REFERENCE: ISPH-0762
CURRENT APPLICATION NUMBER: US/10/641,455A
PRIOR FILING DATE: 2003-08-15
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 233
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-641-455A-233

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 652 GGAATGCGTTTACACTTAC 671
DB 1 GGAATGCGTTTACACTTAC 20

RESULT 668
US-10-476-021-45
Sequence 45, Application US/10476021
Publication No. US20040186069A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
FILE REFERENCE: RTS-0216
CURRENT APPLICATION NUMBER: US/10/476,021
PRIOR FILING DATE: 2003-10-24
PRIOR APPLICATION NUMBER: US/09/844,634
PRIOR FILING DATE: 2001-04-27
NUMBER OF SEQ ID NOS: 174
SEQ ID NO 45
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-021-45

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4143 CTCGCGGACCTCTGCTGG 4162
DB 1 CTCGCGGACCTCTGCTGG 20

RESULT 669
US-10-476-962-33/c
Sequence 33, Application US/10476962
Publication No. US20040191904A1

GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF SRC-C EXPRESSION
FILE REFERENCE: RTS-0222
CURRENT APPLICATION NUMBER: US/10/476,962
PRIOR FILING DATE: 2003-11-05
PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: US/09/860,473
PRIOR FILING DATE: 2001-05-18
NUMBER OF SEQ ID NOS: 169
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-962-33

Query Match 0.3%; Score 15.2; DB 1; Length 20;
Best Local Similarity 85.0%; Pred. No. 6.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 274 CTCCTTCTCTCTCTCTCT 293
DB 20 CTCCTTCTCTCTCTCTCT 1

RESULT 670
US-09-736-084-71/c
Sequence 71, Application US/09736084
Patent No. US20020107211A1
GENERAL INFORMATION:

APPLICANT: THE ROCKEFELLER UNIVERSITY
TITLE OF INVENTION: MODULATORS OF BODY WEIGHT, CORRESPONDING
NUCLEIC ACIDS AND PROTEINS, AND DIAGNOSTIC AND THERAPEUTIC
CORRESPONDENCE ADDRESSES:
NUMBER OF SEQUENCES: 98
ADDRESS: Klauber & Jackson
STREET: 411 Hackensack Avenue
CITY: Hackensack
STATE: New Jersey
COUNTRY: USA
ZIP: 07601
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/736,084
FILING DATE: 13-Dec-2000
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/438,431
FILING DATE: May 10, 1995
APPLICATION NUMBER: 08/347,563
FILING DATE: No. US20020107211A1
APPLICATION NUMBER: 08/292,345
FILING DATE: August 17, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Jackson Esq., David A.
REGISTRATION NUMBER: 26,742
REFERENCE/DOCKET NUMBER: 600-1-087 CIP21
TELECOMMUNICATION INFORMATION:
TELEPHONE: 201 487-5800
TELEFAX: 201 343-1684
TELEX: 133521
INFORMATION FOR SEQ ID NO: 71:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear

```
MOLECULE TYPE: DNA (primer)
DESCRIPTION: sequence tagged-site specific PCR primer
HYPOTHETICAL: NO
ANTI-SENSE: NO
ORIGINAL SOURCE:
ORGANISM: Human
SEQUENCE DESCRIPTION: SEQ ID NO: 71
US-09-736-084-71

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3581 CCGAGTCTCTCCCTAGC 3600
DB 21 CCGAGTCTCTCCCTTAC 2

RESULT 671
US-09-816-814-7/C
Sequence 7, Application US/09816814
Publication No. US20030027136A1
GENERAL INFORMATION:
APPLICANT: Goronzy, Jorg J.
TITLE OF INVENTION: RHEUMATOID ARTHRITIS MARKERS
FILE REFERENCE: 07039-251001
CURRENT APPLICATION NUMBER: US/09/816,814
CURRENT FILING DATE: 2001-03-23
NUMBER OF SEQ ID NOS: 23
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 7
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer for PCR
US-09-816-814-7

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 385 GGTGGCAGCAGCCGAGCCA 404
DB 21 GGTGGAGCAGCCGTGGCCA 2

RESULT 672
US-10-023-066A-45
Sequence 45, Application US/10023066A
Publication No. US20030056242A1
GENERAL INFORMATION:
APPLICANT: E. I. DU PONT DE NEMOURS AND COMPANY
TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR INCREASING THE LYSINE AND THREONINE CONTENT OF THE SEEDS OF PLANTS
NUMBER OF SEQUENCES: 107
CORRESPONDENCE ADDRESS:
ADDRESSEE: E. I. DU PONT DE NEMOURS AND COMPANY
STREET: 1007 MARKET STREET
CITY: WILMINGTON
STATE: DELAWARE
COUNTRY: U.S.A.
ZIP: 19898
COMPUTER READABLE FORM:
MEDIUM TYPE: FLOPPY DISK
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C
```

```
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/023,066A
FILING DATE: 29-Apr-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: BARBARA C. SIEGELL
REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB-1037-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-992-4931
TELEFAX: 302-773-0164
TELEX: 835420
INFORMATION FOR SEQ ID NO: 45:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc_feature
LOCATION: 1..21
OTHER INFORMATION: /product="synthetic
oligonucleotide"
/strand_name="SM
90"
SEQUENCE DESCRIPTION: SEQ ID NO: 45:
US-10-023-066A-45

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2800 AGGAGGAGAAATGAAGA 2819
DB 2 ATGAGAGAGAGATGAAGA 21

RESULT 673
US-10-214-932-117
Sequence 117, Application US/10214932
Publication No. US20030100707A1
GENERAL INFORMATION:
APPLICANT: HWANG, Inhwan
APPLICANT: KIM, Dae Heon
APPLICANT: LEE, Yong Jik
TITLE OF INVENTION: SYSTEM FOR DETECTING PROTEASE
FILE REFERENCE: APB02/US
CURRENT APPLICATION NUMBER: US/10/214,932
CURRENT FILING DATE: 2002-08-08
NUMBER OF SEQ ID NOS: 113
SOFTWARE: PatentIn version 3.1
SEQ ID NO 117
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Synthetic Sequence
NAME/KEY: CDS
LOCATION: (1)..(21)
OTHER INFORMATION: Platelet glycoprotein V thrombin cleavage sequence
US-10-214-932-117

Query Match
Best Local Similarity 0.3%; Score 15.2; DB 1; Length 21;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3844 CCCAGGCCCGGCGCGGCC 3863
DB 1 CCCGGGCCCGGGGCGCGCC 20
```

RESULT 674
US-10-168-080-7
; Sequence 7, Application US/10168080
; Publication No. US20030157501A1
; GENERAL INFORMATION:
; APPLICANT: SUGIHARA, TAKASHI
; APPLICANT: MADHWA, RENU
; TITLE OF INVENTION: NOVEL HUMAN RNA HELICASE, HELICAIN
; FILE REFERENCE: 084335/0164
; CURRENT APPLICATION NUMBER: US/10/168,080
; PRIOR FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: PCT/JP00/08908
; PRIOR FILING DATE: 2000-12-15
; PRIOR APPLICATION NUMBER: JP 1999-357406
; PRIOR FILING DATE: 1999-12-16
; NUMBER OF SEQ ID NOS: 23
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Artificially
US-10-168-080-7

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3238 TCATCAACCCCACTACATG 3257
Db 2 TCATTGACCTCACTACATG 21

RESULT 675
US-10-435-766-39/c
; Sequence 39, Application US/10435766
; Publication No. US20030228616A1
; GENERAL INFORMATION:
; APPLICANT: Strategene
; APPLICANT: Sorige, Joseph A
; APPLICANT: Arezi, Bahram
; APPLICANT: Hogrefe, Holly
; APPLICANT: Hansen, Connie J
; TITLE OF INVENTION: DNA Polymerase Mutants with Reverse Transcriptase Activity
; FILE REFERENCE: 25436/1565C
; CURRENT APPLICATION NUMBER: US/10/435,766
; PRIOR FILING DATE: 2003-05-12
; PRIOR APPLICATION NUMBER: US 10/223,650
; PRIOR FILING DATE: 2002-08-19
; PRIOR APPLICATION NUMBER: US 09/896,923
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 09/698,341
; PRIOR FILING DATE: 2000-10-27
; PRIOR APPLICATION NUMBER: US 60/162,600
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: PCT/US00/29706
; PRIOR FILING DATE: 2000-10-27
; NUMBER OF SEQ ID NOS: 104
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 39
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide for GAPDH target amplification
US-10-435-766-39

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3238 TCATCAACCCCACTACATG 3257
Db 20 TCATTGACCTCACTACATG 1

RESULT 676
US-10-233-958-38/c
; Sequence 38, Application US/10233958
; Publication No. US20040009468A1
; GENERAL INFORMATION:
; APPLICANT: Mach, Bernard
; APPLICANT: Conrad, Bernard
; TITLE OF INVENTION: Allelic Variants of HER V-K18, Method for the Analysis
; TITLE OF INVENTION: Theoret and Use in the Determination of Genetic
; TITLE OF INVENTION: Predisposition for Disorders Involving the HERV-K18
; TITLE OF INVENTION: Provirus
; FILE REFERENCE: 23135-504
; CURRENT APPLICATION NUMBER: US/10/233,958
; PRIOR FILING DATE: 2002-09-03
; PRIOR APPLICATION NUMBER: 60/316,513
; PRIOR FILING DATE: 2001-08-31
; PRIOR APPLICATION NUMBER: 60/316,522
; PRIOR FILING DATE: 2001-08-31
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 38
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: oligonucleotide
US-10-233-958-38

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4768 AGGATTCACCTGCTTCTC 4787
Db 21 AGGATTCACATGCTTCTC 2

RESULT 677
US-10-658-904-21
; Sequence 21, Application US/10658904
; Publication No. US20040048305A1
; GENERAL INFORMATION:
; APPLICANT: Kapeller-Libermann, Rosana
; APPLICANT: Millennium Pharmaceuticals, Inc.
; TITLE OF INVENTION: 14171 Protein Kinase, A No. US20040048305A1 Human
; TITLE OF INVENTION: Protein Kinase and Uses Thereof
; FILE REFERENCE: ME100-0101RCP1M
; CURRENT APPLICATION NUMBER: US/10/658,904
; PRIOR FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 09/781,882
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/182,096
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: siRNA target sequence
US-10-658-904-21

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```
OY 1533 AAGAAATCGTCGACATCAT 1552
Db 1 AAGAAATCGTCGACATCAT 20

RESULT 678
US-10-307-817-657
; Sequence 657, Application US/10307817
; Publication No. US20040058338A1
; GENERAL INFORMATION:
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-502C
; CURRENT APPLICATION NUMBER: US/10/307,817
; CURRENT FILING DATE: 2002-12-02
; NUMBER OF SEQ ID NOS: 682
; SOFTWARE: CursSeqList version 0.1
; SEQ ID NO 657
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-307-817-657

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3;

OY 391 AGCAGCCGAGCCACCAAGA 410
Db 2 AGTAGCTGAGGTACCAAGA 21

RESULT 679
US-10-383-864-12
; Sequence 12, Application US/10383864
; Publication No. US20040081976A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: SIDRANSKY, David
; TITLE OF INVENTION: GENOMIC SCREEN FOR EPIGENETICALLY SILENCED TUMOR SUPPRESSOR GENES
; FILE REFERENCE: JHU1860-1
; CURRENT APPLICATION NUMBER: US/10/383,864
; CURRENT FILING DATE: 2003-07-25
; PRIOR APPLICATION NUMBER: US 60/362,577
; PRIOR FILING DATE: 2002-03-07
; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-383-864-12

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3;

OY 2833 AGCTGTGTGTGAGTTTGGT 2852
Db 2 AGCTGTGTGTGACTTTGGT 21

RESULT 680
US-10-302-028-7/c
; Sequence 7, Application US/10302028
; Publication No. US20040102392A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean

APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ADAM15 EXPRESSION
; FILE REFERENCE: HTS-0060
; CURRENT APPLICATION NUMBER: US/10/302,028
; CURRENT FILING DATE: 2002-11-21
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 7
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Probe
US-10-302-028-7

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3;

OY 809 CCCTGTGCGCGTGGAGAG 828
Db 20 CCCTGCGCCAGTGGAGAG 1

RESULT 681
US-10-672-794-26/c
; Sequence 26, Application US/10672794
; Publication No. US20040126794A1
; GENERAL INFORMATION:
; APPLICANT: Bugawan et al.
; TITLE OF INVENTION: Detection of Susceptibility to Autoimmune Diseases
; FILE REFERENCE: 1803-318-999
; CURRENT APPLICATION NUMBER: US/10/672,794
; CURRENT FILING DATE: 2003-09-25
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 26
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Artificial Sequence Type: Probe for HLA-A Allele
; OTHER INFORMATION: Sequence attaches to BSA at Position 1 on 5' end
US-10-672-794-26

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3;

OY 2728 TGAAGACCAAGTCCAGACC 2747
Db 20 TGAAGCCCAAGTCCAGACC 1

RESULT 682
US-10-605-498-6
; Sequence 6, Application US/10605498
; Publication No. US20040127441A1
; GENERAL INFORMATION:
; APPLICANT: Gleave, Martin
; APPLICANT: Rocchi, Palma
; APPLICANT: Signaevsky, Maxim
; TITLE OF INVENTION: Compositions and Methods for Treatment of Prostate and Other
; FILE REFERENCE: UBC-P-031
; CURRENT APPLICATION NUMBER: US/10/605,498
; CURRENT FILING DATE: 2003-10-02
; PRIOR APPLICATION NUMBER: US 60/415,859
; PRIOR FILING DATE: 2002-10-02
; PRIOR APPLICATION NUMBER: US 60/463,952
; PRIOR FILING DATE: 2003-04-18
; NUMBER OF SEQ ID NOS: 91
; SOFTWARE: PatentIn version 3.2
```


SEQ ID NO 6
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-605-498-6

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3365 GCTGGGGCCCTGCAGGGAG 3384
Db 2 GCTGGGGCCCGCAGGAGCG 21

RESULT 683
US-10-652-870-305/c
Sequence 305, Application US/10652870
Publication No. US20040167068A1
GENERAL INFORMATION:
APPLICANT: Zlotnick, Gary
APPLICANT: Fletcher, Leah
APPLICANT: John, Farley
APPLICANT: Bernfield, Liesel
APPLICANT: Zagursky, Robert
APPLICANT: Metcalf, Benjamin
TITLE OF INVENTION: Novel Immunogenic Compositions for the Prevention and Treatment of
FILE REFERENCE: 38523.000026
CURRENT APPLICATION NUMBER: US/10/652,870
CURRENT FILING DATE: 2003-09-02
PRIOR APPLICATION NUMBER: US 10/652,870
PRIOR FILING DATE: 2003-09-02
NUMBER OF SEQ ID NOS: 329
SOFTWARE: Patentin version 3.1
SEQ ID NO 305
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-10-652-870-305

Query Match 0.3%; Score 15.2; DB 1; Length 21;
Best Local Similarity 85.0%; Pred. No. 7e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3920 GAGCGCGCGCGCGCTGC 3939
Db 21 GACACCGCGCGCTCGCTGC 2

RESULT 684
US-08-983-605-197
Sequence 197, Application US/08983605A
Publication No. US20020066118A1
GENERAL INFORMATION:
APPLICANT: Roder, Marion
TITLE OF INVENTION: Microsatellite Markers for Plants of the Species
TITLE OF INVENTION: Trifolium aestivum and Trifolium Trifolium and the Use of
FILE REFERENCE: 2936.10400
CURRENT APPLICATION NUMBER: US/08/983,605A
CURRENT FILING DATE: 1998-05-01
EARLIER APPLICATION NUMBER: DE 195 25 284.5
EARLIER FILING DATE: 1995-06-28
NUMBER OF SEQ ID NOS: 466
SOFTWARE: Patentin Ver. 2.0
SEQ ID NO 197
LENGTH: 22
TYPE: DNA
ORGANISM: Trifolium aestivum
US-08-983-605-197

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 275 TCTCTTCTCTCTCTCTCTC 294
Db 3 TCGCTTCATCTCTCTCTCTC 22

RESULT 685
US-09-999-183-8/c
Sequence 8, Application US/09999183
Patent No. US20020147169A1
GENERAL INFORMATION:
APPLICANT: MITROPANOUS, et al
TITLE OF INVENTION: In Vivo Selection Method
FILE REFERENCE: 674523-2009
CURRENT APPLICATION NUMBER: US/09/999,183
CURRENT FILING DATE: 2001-11-29
PRIOR APPLICATION NUMBER: PCT/GB00/02136
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: 9912965.2
PRIOR FILING DATE: 1999-06-03
NUMBER OF SEQ ID NOS: 26
SOFTWARE: SeqWin99
SEQ ID NO 8
LENGTH: 22
TYPE: RNA
ORGANISM: Human immunodeficiency virus type I
US-09-999-183-8

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02; 3; Indels 0; Gaps 0;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2620 TCTTGGCAGATTGAGCA 2639
Db 20 TCTTGGCAGATTGAAACA 1

RESULT 686
US-09-825-751A-34/c
Sequence 34, Application US/09825751A
Publication No. US20030065140A1
GENERAL INFORMATION:
APPLICANT: Curagen Corporation
APPLICANT: Vernet, Corine A.M.
APPLICANT: Fernandes, Elma R.
APPLICANT: Taupier, Raymond J.
APPLICANT: Quinn, Kerry E.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Rastelli, Luca
APPLICANT: Herrman, John L.
TITLE OF INVENTION: Novel Proteins and Nucleic Acids Encoding Same
FILE REFERENCE: 15966-750
CURRENT APPLICATION NUMBER: US/09/825,751A
CURRENT FILING DATE: 2001-04-30
PRIOR APPLICATION NUMBER: 60/194,314
PRIOR FILING DATE: 2000-04-03
PRIOR APPLICATION NUMBER: 60/225,693
PRIOR FILING DATE: 2000-08-16
NUMBER OF SEQ ID NOS: 85
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 34
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: Description of Artificial Sequence: Forward Ag 248
OTHER INFORMATION: primer
US-09-825-751A-34

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1577 GTTGTGATCTGTGTGAAA 1596
DB 20 GTTGCAATCTGTGTGAAA 1

RESULT 687

US-10-299-867-32/c
; Sequence 32, Application US/10299867
; Publication No. US20030203406A1
; GENERAL INFORMATION:
; APPLICANT: Symphon, Carolyn J.
; APPLICANT: Autora, Rajeev
; APPLICANT: Dotson, Stanton B.
; APPLICANT: Frazier, Ronald B.
; APPLICANT: Woods, Cynthia L.
; APPLICANT: Zakeri, Hamideh
; APPLICANT: Zhou, Xianzhi
; TITLE OF INVENTION: Human methionine aminopeptidase type 3
; TITLE OF INVENTION: (hmacp-3)
; FILE REFERENCE: S03181-01-US
; CURRENT APPLICATION NUMBER: US/10/299,867
; CURRENT FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: US 60/125,139
; PRIOR FILING DATE: 1999-03-11
; PRIOR APPLICATION NUMBER: US 09/523,263
; PRIOR FILING DATE: 2000-03-10
; NUMBER OF SEQ ID NOS: 69
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 32
; LENGTH: 22
; TYPE: DNA
; ORGANISM: homo sapiens MAP3 REV1.2 primer
US-10-299-867-32

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 422 GCAGCTGCAGTGGAGGCGC 441
DB 21 GCAGCTGCAGAGCAGGCGC 2

RESULT 688

US-10-351-938-9/c
; Sequence 9, Application US/10351938
; Publication No. US20040009603A1
; GENERAL INFORMATION:
; APPLICANT: Oxford Biomedica (UK) Limited
; TITLE OF INVENTION: Anti-Viral Vectors
; FILE REFERENCE: 674524-2004
; CURRENT APPLICATION NUMBER: US/10/351,938
; CURRENT FILING DATE: 2003-01-27
; PRIOR APPLICATION NUMBER: US/09/552,950
; PRIOR FILING DATE: 2000-04-20
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 22
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:cleavage site GAG 3
US-10-351-938-9

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2620 TCTTGCACTTGAGGCA 2639
DB 20 TCTTGCACTTGAAACA 1

RESULT 689

US-10-639-491-17/c
; Sequence 17, Application US/10639491
; Publication No. US2004072230A1
; GENERAL INFORMATION:
; APPLICANT: HSUNG, CHAO AGNES
; APPLICANT: CHUANG, LEE-MING
; APPLICANT: HSIAO, CHIN-FU
; APPLICANT: TAI, TONG-YUAN
; TITLE OF INVENTION: HUMAN SORBS1 GENETIC VARIATIONS CONTRIBUTE TO INSULIN
; TITLE OF INVENTION: RESISTANCE, OBESITY, TYPE 2 DIABETES AND HYPERTENSION
; FILE REFERENCE: 8842.0007.00000
; CURRENT APPLICATION NUMBER: US/10/639,491
; CURRENT FILING DATE: 2003-08-13
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 17
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-639-491-17

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2526 GACCGAGTCTCTGGAATC 2545
DB 22 GACCGAGAGCTGTGAATC 3

RESULT 690
US-10-697-036-83/c
; Sequence 83, Application US/10697036
; Publication No. US20040137594A1
; GENERAL INFORMATION:
; APPLICANT: Sumitomo Chemical Co., Ltd.
; TITLE OF INVENTION: TRANSFORMED CELL WITH ENHANCED SENSITIVITY TO ANTIFUNGAL COMPOUN
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 078242
; CURRENT APPLICATION NUMBER: US/10/697,036
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: JP 2002/317736
; PRIOR FILING DATE: 2002-10-31
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 83
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:Designed
US-10-697-036-83

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3523 CTCAGAGAGCTGCGCGT 3542
DB 21 CTCAGAGAGTCTGCGAGCTG 2

RESULT 691
US-10-415-570A-4

```
; Sequence 4, Application US/10415570A
; Publication No. US20040198649A1
; GENERAL INFORMATION:
; APPLICANT: Davis, John Beresford
; APPLICANT: Gunthorpe, Martin James
; APPLICANT: Egerton, Julie
; APPLICANT: Smart, Darren
; TITLE OF INVENTION: New Use
; FILE REFERENCE: P32689
; CURRENT APPLICATION NUMBER: US/10/415,570A
; CURRENT FILING DATE: 2003-04-23
; PRIOR APPLICATION NUMBER: PCT/GB01/04739
; PRIOR FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: GB 0026114.9
; PRIOR FILING DATE: 2000-10-25
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 4
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-415-570A-4

Query Match      0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 7.5e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2378 GAGGAGGAGCAGAGGCT 2397
Db      2 GAGGAGGCTGCTGAGGCT 21

RESULT 692
US-09-992-128-15/c
; Sequence 15, Application US/09992128
; Patent No. US20020119475A1
; GENERAL INFORMATION:
; APPLICANT: Ramberg, Elliot R.
; TITLE OF INVENTION: Methods and Compositions for Detection
; of Specific Nucleotide Sequences
; NUMBER OF SEQUENCES: 15
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jones & Askew
; STREET: 191 Peachtree Street, 37th Floor
; CITY: Atlanta
; STATE: Georgia
; COUNTRY: U.S.A.
; ZIP: 30303
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/992,128
; FILING DATE: 05-No. US20020119475A1-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/739,069
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
; NAME: Merchant, Mary Anthony
; REGISTRATION NUMBER: 39,771
; REFERENCE/DOCKET NUMBER: 03038-0110
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (404) 818-3700
; TELEFAX: (404) 818-3799
; INFORMATION FOR SEQ ID NO: 15:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 23 base pairs
; TYPE: nucleic acid
```

```
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; HYPOTHETICAL: YES
; ANTI-SENSE: NO
; SEQUENCE DESCRIPTION: SEQ ID NO: 15:
US-09-992-128-15

Query Match      0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 85.0%; Pred. No. 8e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1713 GACATGATCAGCATCTTCAT 1732
Db      23 GACACGATGACCATCTTCAT 4

RESULT 693
US-10-658-904-24
; Sequence 24, Application US/10658904
; Publication No. US20040048305A1
; GENERAL INFORMATION:
; APPLICANT: Kapeller-Libermann, Rosana
; APPLICANT: Millennium Pharmaceuticals, Inc.
; TITLE OF INVENTION: 14171 Protein Kinase, A No. US20040048305A1e1 Human
; FILE REFERENCE: MFI00-010PIRCPIIM
; CURRENT APPLICATION NUMBER: US/10/658,904
; CURRENT FILING DATE: 2003-09-10
; PRIOR APPLICATION NUMBER: 09/781,882
; PRIOR FILING DATE: 2001-02-12
; PRIOR APPLICATION NUMBER: 60/182,096
; PRIOR FILING DATE: 2000-02-11
; NUMBER OF SEQ ID NOS: 29
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 24
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: siRNA sense strand, nucleotides 1-21 are
; OTHER INFORMATION: ribonucleic acid, nucleotides 22 and 23 are
; OTHER INFORMATION: deoxyribonucleic acid.
US-10-658-904-24

Query Match      0.3%; Score 15.2; DB 1; Length 23;
Best Local Similarity 65.0%; Pred. No. 8e+02;
Matches 13; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      1533 AAGAAATCTGAGCTCAT 1552
Db      1 AAGAACAUCCGACAUCAU 20

RESULT 694
US-09-263-959-440/c
; Sequence 440, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE//DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 622-6031
INFORMATION FOR SEQ ID NO: 440:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-440

Query Match 0.3%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCT 295
Db 15 TCTCTCTCTCTCT 1

RESULT 695
US-09-263-959-712
Sequence 712, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE//DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 712:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-712

Query Match 0.3%; Score 15; DB 1; Length 15;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCT 295
Db 1 TCTCTCTCTCTCT 15

RESULT 696
US-09-263-959-717/c
Sequence 717, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE//DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 717:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-717

Query Match 0.3%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCT 295
Db 15 TCTCTCTCTCTCT 1

RESULT 697
US-10-085-906-279
Sequence 279, Application US/10085906
Publication No. US20030054371A1
GENERAL INFORMATION:
APPLICANT: Ying, Vincent
APPLICANT: Wu, Paul
TITLE OF INVENTION: POLYMORPHIC ELEMENTS IN THE
FILE REFERENCE: GNN-5343CP2
CURRENT APPLICATION NUMBER: US/10/085,906
CURRENT FILING DATE: 2002-02-27
PRIOR APPLICATION NUMBER: US 60/126,215
PRIOR FILING DATE: 1999-03-25

; PRIOR APPLICATION NUMBER: US 09/534,061
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: PCT/US00/07938
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 545
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 279
; LENGTH: 15
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-085-906-279

Query Match 0.3%; Score 15; DB 1; Length 15;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCT 295
Db 1 TCTCTCTCTCTCT 15

RESULT 698
US-09-817-014-142/c
; Sequence 142, Application US/09817014
; Patent No. US20020106646A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Hamels, Sandrine
; APPLICANT: Zammateo, Nathalie
; APPLICANT: Lockman, Laurence
; APPLICANT: Dufour, Sophie
; APPLICANT: Alexandre, Isabelle
; APPLICANT: De Longueville, Francoise
; TITLE OF INVENTION: IDENTIFICATION OF BIOLOGICAL
; TITLE OF INVENTION: (MICRO)ORGANISMS BY DETECTION OF THEIR HOMOLOGOUS NUCLEOTIDE
; FILE REFERENCE: VANM213.001AUS
; CURRENT APPLICATION NUMBER: US/09/817,014
; PRIOR FILING DATE: 2001-03-23
; PRIOR APPLICATION NUMBER: EP 00870055.1
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: EP 00870204.5
; PRIOR FILING DATE: 2000-09-15
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 142
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus primer Consensus 5A,5B antisense
US-09-817-014-142

Query Match 0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2380 GGAGGAGCAGAGG 2394
Db 15 GGAGGAGCAGAGG 1

RESULT 699
US-10-056-229-143/c
; Sequence 143, Application US/10056229
; Publication No. US20030198943A1
; GENERAL INFORMATION:
; APPLICANT: Remacle, Jose
; APPLICANT: Hamels, Sandrine
; APPLICANT: Zammateo, Nathalie
; APPLICANT: Lockman, Laurence
; APPLICANT: Dufour, Sophie
; APPLICANT: Alexandre, Isabelle

; APPLICANT: De Longueville, Francoise
; TITLE OF INVENTION: IDENTIFICATION OF A LARGE NUMBER OF
; TITLE OF INVENTION: BIOLOGICAL (MICRO)ORGANISMS GROUPS AT DIFFERENT
; TITLE OF INVENTION: LEVELS BY THEIR DETECTION ON A SAME ARRAY
; FILE REFERENCE: VANM213.001CPI
; CURRENT APPLICATION NUMBER: US/10/056,229
; CURRENT FILING DATE: 2002-01-23
; PRIOR APPLICATION NUMBER: EP 00870055.1
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: EP 00870204.5
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: US 09/817,014
; PRIOR FILING DATE: 2001-03-23
; NUMBER OF SEQ ID NOS: 321
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 143
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus primer Consensus 5A,5B antisense
US-10-056-229-143

Query Match 0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2380 GGAGGAGCAGAGG 2394
Db 15 GGAGGAGCAGAGG 1

RESULT 700
US-10-628-525-28/c
; Sequence 28, Application US/10628525
; Publication No. US20040185114A1
; GENERAL INFORMATION:
; APPLICANT: Keeling, Peter
; APPLICANT: Guan, Hanning
; TITLE OF INVENTION: Starch Encapsulation
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Greenlee, Winner and Sullivan, P.C.
; STREET: 5370 Manhattan Circle
; CITY: Boulder
; STATE: CO
; COUNTRY: US
; ZIP: 80303
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent in Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/628,525
; FILING DATE: 28-Jul-2003
; CLASSIFICATION: 800
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/941,445
; FILING DATE: 30-SEP-1997
; APPLICATION NUMBER: US 60/026,855
; FILING DATE: 30-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Winner, Ellen P
; REGISTRATION NUMBER: 28,547
; REFERENCE/DOCKET NUMBER: 89-97
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (303) 499-8080
; TELEFAX: (303) 499-8089
; INFORMATION FOR SEQ ID NO: 28:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 16 base pairs
; TYPE: nucleic acid

STRANDEDNESS: double
TOPOLOGY: Not Relevant
MOLECULE TYPE: cDNA to mRNA
SEQUENCE DESCRIPTION: SEQ ID NO: 28:
US-10-628-525-28

Query Match 0.3%; Score 15; DB 1; Length 16;
Best Local Similarity 100.0%; Pred. No. 4.9e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 281 TCTCTCTCTCTCT 295
Db 15 TCTCTCTCTCTCT 1

RESULT 701
US-09-866-108-6403
; Sequence 6403, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6403
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6403

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3058 AGATCAAGCTGCAGA 3072
Db 3 AGATCAAGCTGCAGA 17

RESULT 702
US-09-866-108-6404
; Sequence 6404, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6404
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6404

Query Match 0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 3058 AGATCAAGCTGCAGA 3072
Db 2 AGATCAAGCTGCAGA 16

RESULT 703
US-09-866-108-6405
; Sequence 6405, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:

```
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AROMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Acomica Sequence Listing Engine
; SEQ ID NO 6405
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6405

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5,4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3058 AGATCAAGCTGCACA 3072
DB      1 AGATCAAGCTGCACA 15

RESULT 704
US-09-864-785-552/C
; Sequence 552, Application US/09864785
; Patent No. US2002017568A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Draper, Ken
; APPLICANT: McSwigen, Jim
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relate
; TITLE OF INVENTION: Levels of NF-kappa B
; FILE REFERENCE: 400/022 (MEHB00-812-D)
; CURRENT APPLICATION NUMBER: US/09/864,785
; CURRENT FILING DATE: 2001-05-23
; NUMBER OF SEQ ID NOS: 3929
```

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 552
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
US-09-864-785-552

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5,4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1640 CTCGAAAAGAGAGA 1654
DB      17 CTCGAAAAGAGAGA 3

RESULT 705
US-10-156-306-4972/C
; Sequence 4972, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4972
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4972

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5,4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4042 GGCACACGAGGCTC 4056
DB      17 GGCACACGAGGCTC 3

RESULT 706
US-10-156-306-4973/C
; Sequence 4973, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; TITLE OF INVENTION: Levels of Ikk-Gamma and PKR
; FILE REFERENCE: MEHB01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4973
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4973

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5,4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4042 GGCACACGAGGCTC 4056
DB      17 GGCACACGAGGCTC 3
```

```
Db      16 GGCACACAGGGGCTC 2

; RESULT 707
; US-10-156-306-6977/c
; Sequence 6977, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of IKK-Gamma and PKR
; FILE REFERENCE: MBH801-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 6977
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-6977

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4042 GGCACACAGGGGCTC 4056
Db      15 GGCACACAGGGGCTC 1

; RESULT 708
; US-10-238-700-2/c
; Sequence 2, Application US/10238700
; Publication No. US20030153521A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Level
; FILE REFERENCE: 400/057 (MBH801-1158-A)
; CURRENT APPLICATION NUMBER: US/10/238,700
; CURRENT FILING DATE: 2002-09-18
; PRIOR APPLICATION NUMBER: PCT/US 02/16840
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/318,471
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 4666
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-238-700-2

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3922 CGCCGCGCGCGCGC 3936
Db      17 CGCCGCGCGCGCGC 3

; RESULT 709
; US-10-138-674-8013
; Sequence 8013, Application US/10138674
; Publication No. US20040077565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan

; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH800-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8013
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-8013

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.4e+02;
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      362 ACAGGAAGTCAGTCA 376
Db      2 ACAGGAAGTCAGTCA 16

; RESULT 710
; US-10-287-949A-8013
; Sequence 8013, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwiggen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Related to
; TITLE OF INVENTION: Levels of Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: MBH800-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8013
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-8013

Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 86.7%; Pred. No. 5.4e+02;
Matches 13; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      362 ACAGGAAGTCAGTCA 376
Db      2 ACAGGAAGTCAGTCA 16

; RESULT 711
; US-10-723-361-6403
; Sequence 6403, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharron G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AT
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
```



```
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 6403
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6403
```

```
Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      3058 AGATCAAGCTGCAGA 3072
Db      3 AGATCAAGCTGCAGA 17
```

```
RESULT 712
US-10-723-361-6404
; Sequence 6404, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

```
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 6404
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6404
```

```
Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      3058 AGATCAAGCTGCAGA 3072
Db      2 AGATCAAGCTGCAGA 16
```

```
RESULT 713
US-10-723-361-6405
; Sequence 6405, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART A
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecmica Sequence Listing Engine
; SEQ ID NO 6405
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6405
```

```
Query Match      0.3%; Score 15; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 5.4e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
Qy      3058 AGATCAAGCTGCAGA 3072
Db      1 AGATCAAGCTGCAGA 15
```

```
RESULT 714
US-09-811-492-19
```

```
; Sequence 19, Application US/09811492
; Publication No. US20020068703A1
; GENERAL INFORMATION:
; APPLICANT: SCHREIBER, ALAN D.
; PARK, JONG-GU
; TITLE OF INVENTION: METHODS OF INHIBITING PHAGOCYTOSIS
; NUMBER OF SEQUENCES: 31
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: NIXON & VANDERHAYE P.C.
; STREET: 1100 NORTH GLEBE ROAD, 8TH FLOOR
; CITY: ARLINGTON
; STATE: VIRGINIA
; COUNTRY: U.S.A.
; ZIP: 22201-4714
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/811,492
; FILING DATE: 19-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/657,884
; FILING DATE: 07-JUN-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: WILSON, MARY J.
; REGISTRATION NUMBER: 32,955
; REFERENCE/DOCKET NUMBER: 555-46
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (703) 816-4000
; TELEFAX: (703) 816-4100
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 18 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-09-811-492-19

Query Match      0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      533 TGGCAACATCACCG 547
DB      3 TGGCAACATCACCG 17

RESULT 715
US-10-077-383-27/c
; Sequence 27, Application US/10077383
; Publication No. US20030050444A1
; GENERAL INFORMATION:
; APPLICANT: Haydock, Paul V.
; APPLICANT: U'Ren, Jack
; APPLICANT: Saigene Corporation
; TITLE OF INVENTION: Nucleic Acid Amplification Using an RNA Polymerase and
; TITLE OF INVENTION: DNA/RNA Mixed Polymer Intermediate Products
; FILE REFERENCE: 018048-001710US
; CURRENT APPLICATION NUMBER: US/10/077,383
; CURRENT FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US 60/296,812
; PRIOR FILING DATE: 2001-06-07
; NUMBER OF SEQ ID NOS: 33
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

```
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: spacer sequence
; OTHER INFORMATION: standard structure of Ampoll Primer
US-10-077-383-27

Query Match      0.3%; Score 15; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      281 TCTCTCTCTCTCTCT 295
DB      18 TCTCTCTCTCTCTCT 4

RESULT 716
US-10-357-488-35/c
; Sequence 35, Application US/10357488
; Publication No. US20030194730A1
; GENERAL INFORMATION:
; APPLICANT: Centre For DNA Fingerprinting and Diagnostics
; TITLE OF INVENTION: No. US20030194730A1 FISSR-PCR primers and markers and a method
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and dir
; FILE REFERENCE: 782-Indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MAS/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-35

Query Match      0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      280 TTCTCTCTCTCTCTC 294
DB      15 TTCTCTCTCTCTCTC 1

RESULT 717
US-10-349-143-6558/c
; Sequence 6558, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER 0200CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: 1999-10-20
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6558
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
```

NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: upstream amplification primer 99-12338 for SEQ 2624.
US-10-349-143-6558

Query Match 0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1034 GCTTCGAGAGACA 1048
Db 17 GCTTCGAGAGACA 3

RESULT 718
US-10-235-463-19/c
Sequence 19, Application US/10235463
Publication No. US20040043448A1
GENERAL INFORMATION:
APPLICANT: Ekstrand, Jonas
TITLE OF INVENTION: NEW NUCLEOTIDE SEQUENCES
FILE REFERENCE: 06275-165002
CURRENT APPLICATION NUMBER: US/10/235,463
CURRENT FILING DATE: 2003-01-10
PRIOR APPLICATION NUMBER: US 09/242,608
PRIOR FILING DATE: 1999-02-19
PRIOR APPLICATION NUMBER: PCT/SE98/01947
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: SWEDEN 9703914-2
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: SWEDEN 9800864-2
PRIOR FILING DATE: 1998-03-16
PRIOR APPLICATION NUMBER: SWEDEN 9802575-2
PRIOR FILING DATE: 1998-07-17
NUMBER OF SEQ ID NOS: 85
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 19
LENGTH: 19
TYPE: DNA
ORGANISM: Rattus norvegicus
US-10-235-463-19

Query Match 0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1233 CTCTCCCGGGCCCTC 1247
Db 19 CTCTCCCGGGCCCTC 5

RESULT 719
US-10-665-951-1573
Sequence 1573, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MBH02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796

PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1573
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-1573

Query Match 0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 80.0%; Pred. No. 6.5e+02;
Matches 12; Conservative 3; Mismatches 0; Indels 0; Gaps 0;

QY 2831 GGAGCTGGTGTGTA 2845
Db 3 GGAGCTGGTGTGTA 17

RESULT 720
US-10-665-951-1820/c
Sequence 1820, Application US/10665951
Publication No. US20040138163A1
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwiggen, James
APPLICANT: Beigelman, Leonid
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/131 (MBH02-742-F)
CURRENT APPLICATION NUMBER: US/10/665,951
CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1820
LENGTH: 19

```

; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-665-951-1820

Query Match          0.3%; Score 15; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 6.5e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      2831 GGAGCTGTGTGTGA 2845
Db      17 GGAGCTGTGTGTGA 3

RESULT 721
US-09-802-669-53/c
; Sequence 53, Application US/09802669
; Patent No. US20020004490A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Zhang, Hong
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-545
; CURRENT APPLICATION NUMBER: US/09/802,669
; CURRENT FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: US 09/665,615
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-802-669-53

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1326 TCATCATTGAAGAC 1340
Db      16 TCATCATTGAAGAC 2

RESULT 722
US-09-263-959-1097
; Sequence 1097, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1097:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1097

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3469 GGACACAGAGTCAA 3483
Db      1 GGACACAGAGTCAA 15

RESULT 723
US-10-448-836-113/c
; Sequence 113, Application US/10448836
; Publication No. US2003020731A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Uoon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,836
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium szulgai
US-10-448-836-113

Query Match          0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1986 CTGCCACAGCTGAG 2000
Db      19 CTGCCACAGCTGAG 5

RESULT 724
US-10-448-914A-113/c
```

; Sequence 113, Application US/10448914A
; Publication No. US20030235856A1
; GENERAL INFORMATION:
; APPLICANT: KIM, Jeong Joon; SJ HIGHTECH Co., Ltd.
; APPLICANT: KIM, Cheol Min
; APPLICANT: PARK, Hee Kyung
; TITLE OF INVENTION: Oligonucleotide for detection and identification of Mycobacteria
; FILE REFERENCE: PP05020/PCT
; CURRENT APPLICATION NUMBER: US/10/448,914A
; CURRENT FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: KR 10-1999-0019631
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019632
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019633
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019634
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-1999-0019635
; PRIOR FILING DATE: 1999-05-29
; PRIOR APPLICATION NUMBER: KR 10-2000-0018189
; PRIOR FILING DATE: 2000-04-07
; NUMBER OF SEQ ID NOS: 243
; SOFTWARE: KopatentIn 1.71
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: sequence of probe or primer for detecting Mycobacterium szulgai
US-10-448-914A-113

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1986 CTGCCCAAGCCTGAG 2000
|||
DB 19 CTGCCCAAGCCTGAG 5

RESULT 725
US-10-619-220-53/c
; Sequence 53, Application US/10619220
; Publication No. US20040033979A1
; GENERAL INFORMATION:
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Marcussen, Eric G.
; APPLICANT: Wyatt, Jacqueline
; APPLICANT: Zhang, Hong
; TITLE OF INVENTION: Antisense Compound Modulation of Fas Mediated Signaling
; FILE REFERENCE: ISPH-545
; CURRENT APPLICATION NUMBER: US/10/619,220
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 09/802,669
; PRIOR FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: US 09/665,615
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/290,640
; PRIOR FILING DATE: 1999-04-12
; NUMBER OF SEQ ID NOS: 180
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 53
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-619-220-53

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1326 TCATCCATTGAAGAC 1340
|||||
DB 16 TCATCCATTGAAGAC 2

RESULT 726

US-10-476-021-106/c
; Sequence 106, Application US/10476021
; Publication No. US20040186069A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESSION
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/10/476,021
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: US/09/844,634
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 106
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-021-106

Query Match 0.3%; Score 15; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 7e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4473 GTGCTGTGCTAAGTG 4487
|||||
DB 20 GTGCTGTGCTAAGTG 6

RESULT 727

US-10-165-099-244
; Sequence 244, Application US/10165099
; Publication No. US20030188326A1
; GENERAL INFORMATION:
; APPLICANT: D'Andrea, Alan
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE DIAGNOSIS OF CANCER SUSCEPTIBILITY
; FILE REFERENCE: 7032/2055
; CURRENT APPLICATION NUMBER: US/10/165,099
; CURRENT FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 09/998,027
; PRIOR FILING DATE: 2001-11-02
; PRIOR APPLICATION NUMBER: US 60/245,756
; PRIOR FILING DATE: 2000-11-03
; NUMBER OF SEQ ID NOS: 352
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 244
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-165-099-244

Query Match 0.3%; Score 15; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4477 TGTGCTAAGTGCTTT 4491
|||||
DB 6 TGTGCTAAGTGCTTT 20

RESULT 728
US-10-418-182-109/c


```
/ TITLE OF INVENTION: IDENTIFICATION OF A LARGE NUMBER OF
/ TITLE OF INVENTION: BIOLOGICAL (MICRO)ORGANISMS GROUPS AT DIFFERENT
/ FILE REFERENCE: VANM213.001CPI
/ CURRENT APPLICATION NUMBER: US/10/056,229
/ PRIOR FILING DATE: 2002-01-23
/ PRIOR APPLICATION NUMBER: EP 00870055.1
/ PRIOR FILING DATE: 2000-03-24
/ PRIOR APPLICATION NUMBER: EP 00870204.5
/ PRIOR FILING DATE: 2000-03-24
/ PRIOR APPLICATION NUMBER: US 09/817,014
/ PRIOR FILING DATE: 2001-03-23
/ NUMBER OF SEQ ID NOS: 321
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 27
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: consensus primer Apcn63-1
US-10-056-229-27

Query Match          0.3%; Score 15; DB 1; Length 22;
Best Local Similarity 71.4%; Pred. No. 8.1e+02;
Matches 15; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      1571 GAATAGTGTGATCTTGGT 1591
DB      22  GARTATGTTGTGTGATTTT 2

RESULT 733
US-10-114-270-402/C
/ Sequence 402, Application US/10114270
/ Publication No. US2004030110A1
/ GENERAL INFORMATION:
/ APPLICANT: Guo, Xiaojia
/ APPLICANT: Kekuda, Ramesh
/ APPLICANT: Miller, Charles E.
/ APPLICANT: Malyankar, Uriel M.
/ APPLICANT: Spytek, Kimberly A.
/ APPLICANT: Patuturajan, Meera
/ APPLICANT: Liu, Ziaohong
/ APPLICANT: Gusev, Vladimir Y.
/ APPLICANT: Li, Li
/ APPLICANT: Verneil, Corine
/ APPLICANT: Zethusen, Bryan D.
/ APPLICANT: Gorman, Linda
/ APPLICANT: Shenoy, Suresh G.
/ APPLICANT: Pena, Carol E.A.
/ APPLICANT: Smithson, Glenda
/ APPLICANT: Burgess, Catherine E.
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Shimkets, Richard A.
/ APPLICANT: Gangoli, Esha A.
/ APPLICANT: Taupier Jr., Raymond J.
/ APPLICANT: Casman, Stacie J.
/ APPLICANT: Ji, Weizhen
/ APPLICANT: Anderson, David W.
/ APPLICANT: Liete, Mario W.
/ APPLICANT: Rastelli, Luca
/ APPLICANT: Edinger, Shlomit R.
/ APPLICANT: Stone, David J.
/ APPLICANT: Macdougall, John R.
/ APPLICANT: Rothenberg, Mark E.
/ TITLE OF INVENTION: No. US2004030110A1el Proteins and Nucleic Acids Encoding Same
/ FILE REFERENCE: 21402-322C
/ CURRENT APPLICATION NUMBER: US/10/114,270
/ PRIOR FILING DATE: 2002-11-27
/ PRIOR APPLICATION NUMBER: 60/281,086
/ PRIOR FILING DATE: 2001-04-03
/ PRIOR APPLICATION NUMBER: 60/281,136
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/ PRIOR FILING DATE: 2001-04-03
/ PRIOR APPLICATION NUMBER: 60/281,863
/ PRIOR FILING DATE: 2001-04-05
/ PRIOR APPLICATION NUMBER: 60/281,906
/ PRIOR FILING DATE: 2001-04-05
/ PRIOR APPLICATION NUMBER: 60/282,020
/ PRIOR FILING DATE: 2001-04-06
/ PRIOR APPLICATION NUMBER: 60/282,930
/ PRIOR FILING DATE: 2001-04-10
/ PRIOR APPLICATION NUMBER: 60/282,934
/ PRIOR FILING DATE: 2001-04-10
/ PRIOR APPLICATION NUMBER: 60/283,512
/ PRIOR FILING DATE: 2001-04-12
/ PRIOR APPLICATION NUMBER: 60/283,710
/ PRIOR FILING DATE: 2001-04-13
/ PRIOR APPLICATION NUMBER: 60/284,234
/ PRIOR FILING DATE: 2001-04-17
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 470
/ SEQ ID NO 402
/ LENGTH: 22
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-114-270-402

Query Match          0.3%; Score 15; DB 1; Length 22;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4328 TCTTGACTTGGA 4342
DB      18  TCTTGACTTGGA 4

RESULT 734
US-09-815-242-1
/ Sequence 1, Application US/09815242
/ Patent No. US20020061569A1
/ GENERAL INFORMATION:
/ APPLICANT: Haselbeck, Robert
/ APPLICANT: Ohlsen, Karl L.
/ APPLICANT: Zyskind, Judith W.
/ APPLICANT: Wall, Daniel
/ APPLICANT: Trawick, John D.
/ APPLICANT: Carr, Grant J.
/ APPLICANT: Yamamoto, Robert T.
/ APPLICANT: Xu, H. Howard
/ TITLE OF INVENTION: Identification of Essential Genes in
/ FILE REFERENCE: ELITRA.011A
/ CURRENT APPLICATION NUMBER: US/09/815,242
/ PRIOR FILING DATE: 2001-03-21
/ PRIOR APPLICATION NUMBER: 60/191,078
/ PRIOR FILING DATE: 2000-03-21
/ PRIOR APPLICATION NUMBER: 60/206,848
/ PRIOR FILING DATE: 2000-05-23
/ PRIOR APPLICATION NUMBER: 60/207,727
/ PRIOR FILING DATE: 2000-05-26
/ PRIOR APPLICATION NUMBER: 60/242,578
/ PRIOR FILING DATE: 2000-10-23
/ PRIOR APPLICATION NUMBER: 60/253,625
/ PRIOR FILING DATE: 2000-11-27
/ PRIOR APPLICATION NUMBER: 60/257,931
/ PRIOR FILING DATE: 2000-12-22
/ PRIOR APPLICATION NUMBER: 60/269,308
/ PRIOR FILING DATE: 2001-02-16
/ NUMBER OF SEQ ID NOS: 14110
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 1
/ LENGTH: 23
/ TYPE: DNA
```

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: DNA primer
US-09-815-242-1

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1925 CACCAGTGTGACTTTAAACAG 1947
DB 1 CAGCAGTGTGAGTTATAAATAG 23

RESULT 735
US-09-964-261-69
Sequence 69, Application US/09964261
Publication No. US20020197613A1
GENERAL INFORMATION:
APPLICANT: De Canck, Ilse
APPLICANT: Rombout, Annelies
TITLE OF INVENTION: METHOD FOR THE AMPLIFICATION OF HUA CLASS I ALLELES
FILE REFERENCE: IGI-002
CURRENT APPLICATION NUMBER: US/09/964,261
CURRENT FILING DATE: 2001-09-25
PRIOR APPLICATION NUMBER: EP 99870068.6
PRIOR FILING DATE: 1999-04-09
PRIOR APPLICATION NUMBER: US 60/138,614
PRIOR FILING DATE: 1999-06-11
NUMBER OF SEQ ID NOS: 446
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 69
LENGTH: 23
TYPE: DNA
ORGANISM: Homo sapiens
US-09-964-261-69

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 88.2%; Pred. No. 8.6e+02;
Matches 15; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 3913 CCACCCGAGCGCGG 3929
DB 1 CCRCCCGAGCGCGG 17

RESULT 736
US-09-883-152-93
Sequence 93, Application US/09883152
Publication No. US2003008284A1
GENERAL INFORMATION:
APPLICANT: Kennedy, Giulia
APPLICANT: Kang, Sanmao
APPLICANT: Reinhard, Christoph
APPLICANT: Jefferson, Anne Bennett
TITLE OF INVENTION: POLYNUCLEOTIDES RELATED TO COLON CANCER
FILE REFERENCE: 2300-1663
CURRENT APPLICATION NUMBER: US/09/883,152
CURRENT FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/211,835
PRIOR FILING DATE: 2000-06-15
NUMBER OF SEQ ID NOS: 127
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 93
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
US-09-883-152-93

Query Match 0.3%; Score 15; DB 1; Length 23;

Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4286 GCACACGAGCGGCAACA 4308
DB 1 GCTCACATCCGGGCACCA 23

RESULT 737
US-10-060-759A-5
Sequence 5, Application US/10060759A
Publication No. US20030018014A1
GENERAL INFORMATION:
APPLICANT: Lerner, Adam
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT OF CHRONIC LYMPHOCTIC
FILE REFERENCE: 701586/50174-DIV
CURRENT APPLICATION NUMBER: US/10/060,759A
CURRENT FILING DATE: 2002-01-30
PRIOR APPLICATION NUMBER: 09/423,349
PRIOR FILING DATE: 2000-05-01
PRIOR APPLICATION NUMBER: PCT/US99/21518
PRIOR FILING DATE: 1999-09-17
PRIOR APPLICATION NUMBER: 60/101,721
PRIOR FILING DATE: 1998-09-24
NUMBER OF SEQ ID NOS: 8
SOFTWARE: PatentIn version 3.1
SEQ ID NO 5
LENGTH: 23
TYPE: DNA
ORGANISM: human
US-10-060-759A-5

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2411 GGAGAGAAATCAGTTGCC 2433
DB 1 GGAGAGAAATTCATGCC 23

RESULT 738
US-10-032-393-24
Sequence 24, Application US/10032393
Publication No. US20030027286A1
GENERAL INFORMATION:
APPLICANT: Haselbeck, Robert
APPLICANT: Wall, Daniel
APPLICANT: Gross, Molly
TITLE OF INVENTION: BACTERIAL PROMOTERS AND METHODS OF USE
FILE REFERENCE: ELITRA-010A
CURRENT APPLICATION NUMBER: US/10/032,393
CURRENT FILING DATE: 2001-12-21
PRIOR APPLICATION NUMBER: 60/259,434
PRIOR FILING DATE: 2000-12-27
PRIOR APPLICATION NUMBER: 09/948,993
PRIOR FILING DATE: 2001-09-06
PRIOR APPLICATION NUMBER: 60/230,335
PRIOR FILING DATE: 2000-09-06
NUMBER OF SEQ ID NOS: 68
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 24
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: pXyl-T5F primer
US-10-032-393-24

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1925 CACGAGTGTGACTTTAAACAG 1947
Db 1 CACGAGTGTGACTTTAAATAG 23

RESULT 739

US-10-291-230-3/c
Sequence 3, Application US/10291230
Publication No. US2003010839A1
GENERAL INFORMATION:
APPLICANT: Ruffner, Duane E.
APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: 16678.US.A
CURRENT APPLICATION NUMBER: US/10/291,230
CURRENT FILING DATE: 2002-11-07
PRIORITY APPLICATION NUMBER: US 09/647,344
PRIORITY FILING DATE: 2000-12-04
PRIORITY APPLICATION NUMBER: PCT/US99/06742
PRIORITY FILING DATE: 1999-03-28
PRIORITY APPLICATION NUMBER: US 60/079,792
PRIORITY FILING DATE: 1998-03-28
PRIORITY APPLICATION NUMBER: US 60/107,504
PRIORITY FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib
US-10-291-230-3

Query Match

Best Local Similarity 0.3%; Score 15; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2840 GGTGAGTTGGTGAGACTTTC 2862

Db 23 GGTGAGTTGGTGAGCTGCTTC 1

RESULT 740

US-10-291-249-3/c
Sequence 3, Application US/10291249
Publication No. US20030119041A1
GENERAL INFORMATION:
APPLICANT: Ruffner, Duane E.
APPLICANT: Pierce, Michael L.
APPLICANT: Chen, Zhidong
TITLE OF INVENTION: Directed Antisense Libraries
FILE REFERENCE: 16678.US.B
CURRENT APPLICATION NUMBER: US/10/291,249
CURRENT FILING DATE: 2002-11-07
PRIORITY APPLICATION NUMBER: US 09/647,344
PRIORITY FILING DATE: 2000-12-04
PRIORITY APPLICATION NUMBER: PCT/US99/06742
PRIORITY FILING DATE: 1999-03-28
PRIORITY APPLICATION NUMBER: US 60/079,792
PRIORITY FILING DATE: 1998-03-28
PRIORITY APPLICATION NUMBER: US 60/107,504
PRIORITY FILING DATE: 1998-11-06
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn version 3.1
SEQ ID NO 3
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib.
OTHER INFORMATION: raries.
US-10-291-249-3

Query Match

Best Local Similarity 0.3%; Score 15; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2840 GGTGAGTTGGTGAGACTTTC 2862

Db 23 GGTGAGTTGGTGAGCTGCTTC 1

RESULT 741

US-10-254-676-24/c
Sequence 24, Application US/10254676
Publication No. US20030148329A1
GENERAL INFORMATION:
APPLICANT: KUBOTA, Hiroshi et al.
APPLICANT: STORMS, Robert W.
APPLICANT: REID, Lola M.
TITLE OF INVENTION: VARIANTS OF ALPHA-FETOPROTEIN CODING AND
TITLE OF INVENTION: EXPRESSION SEQUENCES
FILE REFERENCE: 320727-50801
CURRENT APPLICATION NUMBER: US/10/254,676
CURRENT FILING DATE: 2002-09-26
PRIORITY APPLICATION NUMBER: 60/324,540
PRIORITY FILING DATE: 2001-09-26
NUMBER OF SEQ ID NOS: 47
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 24
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer Sequence
US-10-254-676-24

Query Match

Best Local Similarity 0.3%; Score 15; DB 1; Length 23;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1406 CACCTTGAGTGAAGCAGAGT 1428

Db 23 CACCTATGGGTGAAAACAGAGT 1

RESULT 742

US-10-133-779-189/c
Sequence 189, Application US/10133779
Publication No. US20030165884A1
GENERAL INFORMATION:
APPLICANT: Chow, Robert
APPLICANT: Tonal, Richard
APPLICANT: StemCite, Inc.
TITLE OF INVENTION: High Throughput Methods of HLA Typing
FILE REFERENCE: 020035-000210US
CURRENT APPLICATION NUMBER: US/10/133,779
CURRENT FILING DATE: 2002-04-25
PRIORITY APPLICATION NUMBER: US/09/747,391
PRIORITY FILING DATE: 2001-07-13
PRIORITY APPLICATION NUMBER: US 60/172,768
PRIORITY FILING DATE: 1999-12-20
NUMBER OF SEQ ID NOS: 278
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 189
LENGTH: 23
TYPE: DNA
ORGANISM: Homo sapiens
US-10-133-779-189

Query Match

Best Local Similarity 0.3%; Score 15; DB 1; Length 23;
Matches 78.3%; Pred. No. 8.6e+02;

```
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 3593 CCTTAAGCTGCTCCCAAGG 3615
Db 23 CACTTAGCTGCTCCCAAGG 1

RESULT 743
US-10-340-536-6/c
; Sequence 6, Application US/10340536
; Publication No. US20030175212A1
; GENERAL INFORMATION:
; APPLICANT: O'Brien, Rebecca
; APPLICANT: Born, Willi
; APPLICANT: Roark, Christina
; APPLICANT: Aylintug, M. Kemal
; TITLE OF INVENTION: Use of Soluble Gamma Delta T Cell Receptors for Regulating T Cell
; FILE REFERENCE: 2879-89
; CURRENT APPLICATION NUMBER: US/10/340,536
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: 60/347,285
; PRIOR FILING DATE: 2002-01-10
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 6
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-340-536-6

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 3342 GACCAGCCGCCAAGACTCCC 3364
Db 23 GAGCAGCATCCCAAGAAATCCC 1

RESULT 744
US-10-032-585-4064/c
; Sequence 4064, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jjiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4064
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4064

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 1721 CACCATCTTCATCGGCACTGGA 1743
Db 23 CATCATCATCATCGCAATGGA 1

RESULT 745
US-10-282-122A-78588
; Sequence 78588, Application US/10282122A

; Publication No. US20040029129A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Liangu
; APPLICANT: Zamudio, Carlos
; APPLICANT: Malone, Cheryl
; APPLICANT: Haselbeck, Robert
; APPLICANT: Ohlsen, Karl
; APPLICANT: Zykkind, Judith
; APPLICANT: Wall, Daniel
; APPLICANT: Trawick, John
; APPLICANT: Carr, Grant
; APPLICANT: Yamamoto, Robert
; APPLICANT: Forsyth, R.
; TITLE OF INVENTION: Identification of Essential Genes in Microorganisms
; FILE REFERENCE: ELITRA.034A
; CURRENT APPLICATION NUMBER: US/10/282,122A
; CURRENT FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: 60/191,078
; PRIOR FILING DATE: 2000-03-21
; PRIOR APPLICATION NUMBER: 60/206,848
; PRIOR FILING DATE: 2000-05-23
; PRIOR APPLICATION NUMBER: 60/207,727
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 60/230,335
; PRIOR FILING DATE: 2000-09-06
; PRIOR APPLICATION NUMBER: 60/230,347
; PRIOR FILING DATE: 2000-09-09
; PRIOR APPLICATION NUMBER: 60/242,578
; PRIOR FILING DATE: 2000-10-23
; PRIOR APPLICATION NUMBER: 60/253,625
; PRIOR FILING DATE: 2000-11-27
; PRIOR APPLICATION NUMBER: 60/257,931
; PRIOR FILING DATE: 2000-12-22
; PRIOR APPLICATION NUMBER: 60/267,636
; PRIOR FILING DATE: 2001-02-09
; PRIOR APPLICATION NUMBER: 60/269,308
; PRIOR FILING DATE: 2001-02-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 78614
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 78588
; LENGTH: 23
; TYPE: DNA
; ORGANISM: Staphylococcus aureus
US-10-282-122A-78588

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
QY 1925 CACCACTGTCAGCTTTAAACAG 1947
Db 1 CAGCAGCTGAGTATATAAATAG 23

RESULT 746
US-10-398-757-13
; Sequence 13, Application US/10398757
; Publication No. US20040029247A1
; GENERAL INFORMATION:
; APPLICANT: Bayer AG
; TITLE OF INVENTION: REGULATION OF HUMAN ADENYLYLATE CYCLASE, TYPE IV
; FILE REFERENCE: RCR-6 Foreign Countries
; CURRENT APPLICATION NUMBER: US/10/398,757
; CURRENT FILING DATE: 2003-04-10
; PRIOR APPLICATION NUMBER: US 60/241,306
; PRIOR FILING DATE: 2000-10-18
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 23
; TYPE: DNA
```

ORGANISM: Homo sapiens
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Primer: ACS-L
US-10-398-757-13

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1666 AGCTCTCCGACGACATGAAGAC 1688
DB 1 AGCTGATGGACCATGAAGTAC 23

RESULT 747

US-10-001-052-48/c
Sequence 48, Application US/10001052
Publication No. US20040038401A1
GENERAL INFORMATION:
APPLICANT: Mead, David A.
TITLE OF INVENTION: CLONING VECTORS AND VECTOR COMPONENTS
FILE REFERENCE: MICRO-06635
CURRENT APPLICATION NUMBER: US/10/001.052
CURRENT FILING DATE: 2001-11-15
NUMBER OF SEQ ID NOS: 128
SOFTWARE: PatentIn version 3.1
SEQ ID NO 48
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-001-052-48

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2799 CAGGAAGGAGAAATGAGGAGG 2821
DB 23 CAGTAAGCAGAAATGACAAAG 1

RESULT 748

US-10-273-678-13/c
Sequence 13, Application US/10273678
Publication No. US20040077082A1
GENERAL INFORMATION:
APPLICANT: Koehn, Richard K.
APPLICANT: Ruffner, Duane E.
APPLICANT: Prakash, Ramesh K.
TITLE OF INVENTION: RNA-based Inhibitory Oligonucleotides
FILE REFERENCE: 3302.2.7
CURRENT APPLICATION NUMBER: US/10/273.678
CURRENT FILING DATE: 2002-10-18
NUMBER OF SEQ ID NOS: 25
SOFTWARE: PatentIn version 3.1
SEQ ID NO 13
LENGTH: 23
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Portion of a multiple cloning site for use in making deletion lib
OTHER INFORMATION: varies for use in design of the targeting sequence of the oligonu
OTHER INFORMATION: cleotides of the invention.
US-10-273-678-13

Query Match 0.3%; Score 15; DB 1; Length 23;
Best Local Similarity 78.3%; Pred. No. 8.6e+02;
Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 2840 GGTGAAGTTTGGTGAGACTCTTC 2862
DB 23 GCTGAAGCTTGGTGACTGCTTC 1

RESULT 749

US-09-232-785-364
Sequence 364, Application US/09232785
Publication No. US20030049612A1
GENERAL INFORMATION:
APPLICANT: International Paper Co.
APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232.785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232.884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 364
LENGTH: 33
TYPE: DNA
ORGANISM: Pinus taeda L.
US-09-232-785-364

Query Match 0.3%; Score 15; DB 1; Length 33;
Best Local Similarity 67.7%; Pred. No. 1.3e+03;
Matches 21; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 4409 TATAGATAATAATAATAATAATAAT 4439
DB 3 TATTATTATTATTATTATTATTATTATT 33

RESULT 750

US-09-232-785-365
Sequence 365, Application US/09232785
Publication No. US20030049612A1
GENERAL INFORMATION:
APPLICANT: International Paper Co.
APPLICANT: Echt, Craig. S
APPLICANT: Nelson, C. Dana
TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
TITLE OF INVENTION: THEREOF
FILE REFERENCE: 4481/1E188US1
CURRENT APPLICATION NUMBER: US/09/232.785
CURRENT FILING DATE: 1999-01-19
PRIOR APPLICATION NUMBER: 09/232.884
PRIOR FILING DATE: 1999-01-15
NUMBER OF SEQ ID NOS: 397
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 365
LENGTH: 36
TYPE: DNA
ORGANISM: Pinus taeda L.
US-09-232-785-365

Query Match 0.3%; Score 15; DB 1; Length 36;
Best Local Similarity 67.7%; Pred. No. 1.4e+03;
Matches 21; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 4409 TATAGATAATAATAATAATAATAAT 4439
DB 3 TATTATTATTATTATTATTATTATTATT 33

RESULT 751

US-10-418-182-67
Sequence 67, Application US/10418182
Publication No. US20030228302A1

```

; GENERAL INFORMATION:
; APPLICANT: Creia, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-901
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 67
; LENGTH: 36
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
; RS-10-418-182-67

```

```
Query Match      0.3%; Score 15; DB 1; Length 36;
Best Local Similarity 67.7%; Pred. No. 1.4e+03;
Matches 21: Conservative 0; Mismatches 10; Indels 0; Gaps 0;
```

QY 4409 TATAGATAAATAATAATTATTAATAATAATAAT 4439
||| || | | | | | | | | | | | |
Dd 4 TATTAATCTACTATTACTATTATTATTATT 34

RESULT 752
US-09-263-959-766/c
; Sequence 766, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTILIZE

Query Match 0.3%; Score 15; DB 1; Length 37;
Best Local Similarity 67.7%; Pred. No. 1.4e+03;
Matches 21; Conservative 0; Mismatches 10; Indels

4409 TATAGATAATAATAATTATAATAAT 4439

[illegible]

RESULT 753
US-09-263-959-1276
; Sequence 1276, Application US/09263959
: Patent No. US20020150891A1

Query Match	0.3%	Score 14.8;	DB 1;	Length 18;
Best Local Similarity	88.9%;	Pred. NO. 6.5e+02;		
Matches 16:	Conservative	0:	Mismatches 2:	Indels 0:
				Gaps 0:

Qy
4999 TGCTCTCCAGCCTGGCTG 5016

Dβ
1 TGCACCTCCAGCCTGGATG 18

```

RESULT 754
US-09-961-077-1167
; Sequence 1167, Application US/09961077
; Publication No. US20030014775A1
; GENERAL INFORMATION:
APPLICANT: Zwick, Michael G.
; Edington, Brent E.
; McSwiggen, James A.
; Merlo, Patricia Ann Owens
; Guo, Lining
; Skokut, Thomas A.
; Young, Scott A.
; Folkerts, Otto
; Merlo, Donald J.
TITLE OF INVENTION: COMPOSITION AND METHODS FOR
MODULATION OF GENE EXPRESSION
IN PLANTS
NUMBER OF SEQUENCES: 1263
CORRESPONDENCE ADDRESS:

```

ADDRESSEE: Lyon & Lyon
STREET: 633 West Fifth Street
Suite 4700
CITY: Los Angeles
STATE: California
COUNTRY: U.S.A.
ZIP: 90071-2066
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
storage
COMPUTER: IBM Compatible
OPERATING SYSTEM: IBM P.C. DOS 5.0
SOFTWARE: Word Perfect 5.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/961.077
FILING DATE: 21-Sep-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/679,645
FILING DATE: July 12, 1996
APPLICATION NUMBER: 60/001,135
FILING DATE: July 13, 1995
APPLICATION NUMBER: 08/300,726
FILING DATE: September 2, 1994
ATTORNEY/AGENT INFORMATION:
NAME: Warburg, Richard J.
REGISTRATION NUMBER: 32,327
REFERENCE/DOCKET NUMBER: 219/247
TELECOMMUNICATION INFORMATION:
TELEPHONE: (213) 489-1600
TELEFAX: (213) 955-0440
TELEX: 67-3510
INFORMATION FOR SEQ ID NO: 1167:
SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 1167:
US-09-961-077-1167

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3922 CGCGCGCGCGCGCTGC 3939
Db 1 CGCGCGCGCGCGCGCAGC 18

RESULT 755
US-09-500-700-68/c
; Sequence 68, Application US/09500700
; Publication No. US20030059767A1
; GENERAL INFORMATION:
; APPLICANT: THE SCRIPPS RESEARCH INSTITUTE
; APPLICANT: BARBAS III, Carlos F.
; APPLICANT: GOTTESFELD, Joel M.
; APPLICANT: WRIGHT, Peter E.
; TITLE OF INVENTION: ZINC FINGER PROTEIN DERIVATIVES AND METHODS THEREFOR
; FILE REFERENCE: SCRIPI160-4
; CURRENT APPLICATION NUMBER: US/09/500,700
; CURRENT FILING DATE: 2003-01-10
; PRIOR APPLICATION NUMBER: US 08/863,813
; PRIOR FILING DATE: 1997-05-27
; PRIOR APPLICATION NUMBER: US 08/676,318
; PRIOR FILING DATE: 1996-12-30
; PRIOR APPLICATION NUMBER: PCT/US95/00829
; PRIOR FILING DATE: 1995-01-18
; PRIOR APPLICATION NUMBER: US 08/312,604
; PRIOR FILING DATE: 1994-09-28
; PRIOR APPLICATION NUMBER: US 08/183,119
; PRIOR FILING DATE: 1994-01-18

; NUMBER OF SEQ ID NOS: 127
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 68
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: (GCG)6 probe
US-09-500-700-68

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3919 CGACGCGCGCGCGCGC 3936
Db 18 CGCGCGCGCGCGCGCGC 1

RESULT 756
US-10-205-522-126/c
; Sequence 126, Application US/10205522
; Publication No. US20030077629A1
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/10/205,522
; CURRENT FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: US/09/356,806
; PRIOR FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 126
; LENGTH: 18
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-205-522-126

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1882 AGAAGGAGTGGCTGGAGA 1899
Db 18 AGAAGGAGTGGCTGGATA 1

RESULT 757
US-10-205-522-142/c
; Sequence 142, Application US/10205522
; Publication No. US20030077629A1
; GENERAL INFORMATION:
; APPLICANT: Penny, Laura
; APPLICANT: Galvin, Margaret
; APPLICANT: Miller, Andrew
; APPLICANT: Reidy, Michael
; TITLE OF INVENTION: Genotyping Human
; TITLE OF INVENTION: UDP-Glucuronosyltransferase 2B4 (UGT2B4), 2B7 (UGT2B7) and
; FILE REFERENCE: SEQ-22PRV2
; CURRENT APPLICATION NUMBER: US/10/205,522
; CURRENT FILING DATE: 2002-07-24
; PRIOR APPLICATION NUMBER: US/09/356,806
; PRIOR FILING DATE: 1999-07-20
; NUMBER OF SEQ ID NOS: 164
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 142

```

; LENGTH: 18
; TYPE: DNA
; ORGANISM: H. sapiens
US-10-205-522-142

```

```
Query Match      0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels
```

Qy 1882 AGAAGGAGTGGCTGGAGA 1899
Db 18 AGAAGGAATGGCTGGATA 1

RESULT 758

```

US-10-314-405-45/c
; Sequence 45, Application US/10314405
; Publication No. US20030108940A1
; GENERAL INFORMATION:
; APPLICANT: Hidetoshi, Inoko
; APPLICANT: Gen, Tamiya
; APPLICANT: Yasunari, Matsuzaka
; TITLE OF INVENTION: NOVEL POLYMORPH
; FILE REFERENCE: 06501-069001
; CURRENT APPLICATION NUMBER: US/10/3
; CURRENT FILING DATE: 2002-12-05
; PRIOR APPLICATION NUMBER: US/09/713
; PRIOR FILING DATE: 2000-11-15
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 45
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-314-405-45

```

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels

Qy 3919 CGACGCCGCGGCCGCCG 3936
p18 18 CGCGCGCGCGCGCGCG 1

RESULT, T 759

```

US-10-149-249-1
Sequence 1, Application US/10149249
Publication No. US20030162185A1
GENERAL INFORMATION:
APPLICANT: INSTITUT PASTEUR DE LILLE
APPLICANT: CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)
APPLICANT: INSTITUT PASTEUR
APPLICANT: MELNYK, Oleg
APPLICANT: OLLIVIER, Christophe
APPLICANT: OLLIVIER, Nathalie
APPLICANT: HOT, David
APPLICANT: HUOT, Ludovic
APPLICANT: LEMOINE, Yves
APPLICANT: WOLOWCZUK, Isabelle
APPLICANT: HUYNH-DINH, Tam
APPLICANT: GUYETTE, Catherine
APPLICANT: GRAS-WASSE, H
TITLE OF INVENTION: PRODUCTS COMPRISING A SUPPORT TO WHICH NUCLEOTIDE SEQUENCES ARE ATTACHED
TITLE OF INVENTION: USES AS DNA CHIPS
FILE REFERENCE: SGCSb1380/IUS
CURRENT APPLICATION NUMBER: US/10/149,249
CURRENT FILING DATE: 2002-06-05
NUMBER OF SEQ ID NOS: 5
SOFTWARE: PatentIn version 3.1
SEQ ID NO 1
LENGTH: 18
TYPE: DNA

```

```

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-149-249-1

```

```
Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

Qy	1295. GTCCAAGCTCAGCCAACT	1312
Db	1 GTCCAAGCTCAGCTAATT	18

RESULT 760

```

US-10-149-249-3/C
; Sequence 3, Application US/10149249
; Publication No. US20030162185A1
; GENERAL INFORMATION:
; APPLICANT: INSTITUT PASTEUR DE LILLE
; APPLICANT: CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS)
; APPLICANT: INSTITUT PASTEUR
; APPLICANT: MELNYK, Oleg
; APPLICANT: OLLIVIER, Christophe
; APPLICANT: OLLIVIER, Nathalie
; APPLICANT: HOT, David
; APPLICANT: HUOT, Ludovic
; APPLICANT: LEMOINE, Yves
; APPLICANT: WOLOWCZUK, Isabelle
; APPLICANT: HUYNH-DINH, Tam
; APPLICANT: GOUVETTE, Catherine
; APPLICANT: GRAS-MASSE, H
; TITLE OF INVENTION: PRODUCTS COMPRISING A SUPPORT TO WHICH NUCLEOTIDE SEQUENCES ARE ATTACHED
; FILE REFERENCE: SGcsb1380/LUS
; CURRENT APPLICATION NUMBER: US/10/149,249
; CURRENT FILING DATE: 2002-06-05
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-149-249-3

```

Query Match 0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0

Qy 1295 GTCCAAGCTCAGCCAAC 1312
|||
Db 18 GTCCAAGCTCAGCTAAT 1

RESIN.T 761

```

RESULT 761
US-10-349-143-4810/c
; Sequence 4810, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER-APPLICATION NUMBER: US 60/109,732

```

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; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4810
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-17938 for SEQ 876,
US-10-349-143-4810

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5192 GTGTGTGATGCAGACAG 5209
Db      18 GTGTATGATGCAGACAG 1

RESULT 762
; Sequence 5786, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020C01
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5786
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-6893 for SEQ 1852,
US-10-349-143-5786

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      5069 CTTCTATCTCTGTGCT 5086
Db      18 CTTCTATCTCTGTCACT 1

RESULT 763
US-10-349-143-10970/c
; Sequence 10970, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSER.020C01
```

```
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10970
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: downstream amplification primer 99-23427 for SEQ 3105, in compler
US-10-349-143-10970

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      2801 GGAAGGAGAAATGAGA 2818
Db      18 GGAAGGAGAAATGAGA 1

RESULT 764
US-10-765-500-27
; Sequence 27, Application US/10765500
; Publication No. US20040137501A1
; GENERAL INFORMATION:
; APPLICANT: Bretz P. Monia and Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRADD EXPRESSION
; FILE REFERENCE: RISP-0100
; CURRENT APPLICATION NUMBER: US/10/765,500
; CURRENT FILING DATE: 2004-01-26
; PRIOR APPLICATION NUMBER: US/09/763,748
; PRIOR FILING DATE: 2001-02-27
; PRIOR APPLICATION NUMBER: 09/143,212
; PRIOR FILING DATE: 1998-08-28
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 27
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-765-500-27

Query Match          0.3%; Score 14.8; DB 1; Length 18;
Best Local Similarity 88.9%; Pred. No. 6.5e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy      821 GGAAGGAGGACACAG 838
Db      1 GGAAGGAGGACACAG 18

RESULT 765
US-09-901-484A-538
; Sequence 538, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T11XC3D2
```

```
; CURRENT APPLICATION NUMBER: US/09/901,484A
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 6/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 538
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: potential microsequencing oligo for 4-60-293.mis2
US-09-901-484A-538
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4149 GGACTCTCTGCTGGCTCC 4166
Db      2 GGACTCTCTGCTGGCTTC 19
```

```
RESULT 766
US-09-969-373-2067/c
; Sequence 2067, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Efferetz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2067
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2067
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2086 TGTCGTCATGTTCAATG 2103
Db      19 TGTCGTCATGTTCAATG 2
```

```
RESULT 767
US-09-969-373-2069/c
; Sequence 2069, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Efferetz, Roger J.
; APPLICANT: Hauge, Brian M.
```

```
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2069
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2069
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2086 TGTCGTCATGTTCAATG 2103
Db      19 TGTCGTCATGTTCAATG 2
```

```
RESULT 768
US-09-969-373-4453
; Sequence 4453, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Efferetz, Roger J.
; APPLICANT: Hauge, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 4453
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-4453
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      268 CCTCTCTCTCTTCTCT 285
Db      2 CCTCTCTCTCTCTCT 19
```

```
RESULT 769
US-09-853-526-538
; Sequence 538, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bouquelieret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18C1C
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
```



```
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 538
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: 1..13
; OTHER INFORMATION: potential microsequencing oligo for 4-60-293.mis2
US-09-853-526-538
```

```
Query Match          0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy          4149 GGAACCTCTGCTGCTCC 4166
Db          2 GGAATTCCTGCTGCTTC 19
```

```
RESULT 770
US-10-239-804-67
; Sequence 67, Application US/10239804
; Publication No. US20030053991A1
; GENERAL INFORMATION:
; APPLICANT: Oxford Biomedica (UK) Limited
; APPLICANT: Kingsman, Alan J
; APPLICANT: Maden, Malcolm
; APPLICANT: Corcoran, Jonathan PT
; TITLE OF INVENTION: Factor
; FILE REFERENCE: P009156MCTH
; CURRENT APPLICATION NUMBER: US/10/239,804
; CURRENT FILING DATE: 2002-09-23
; PRIOR APPLICATION NUMBER: PCT/GB00/01211
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: GB 0024300.6
; PRIOR FILING DATE: 2000-10-04
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 67
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-239-804-67
```

```
Query Match          0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy          121 GAGCCGGTCATTCACCC 138
Db          2 GAGCAGTCATTCACCC 19
```

```
RESULT 771
US-10-084-555-50/c
; Sequence 50, Application US/10084555
; Publication No. US20030196161A1
; GENERAL INFORMATION:
; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
; APPLICANT: GOGGINS, Michael G.
; APPLICANT: Ueki, Takashi
; TITLE OF INVENTION: DIFFERENTIALLY METHYLATED SEQUENCES IN PANCREATIC CANCER
```

```
; FILE REFERENCE: JHU1700-1
; CURRENT APPLICATION NUMBER: US/10/084,555
; CURRENT FILING DATE: 2002-02-25
; PRIOR APPLICATION NUMBER: US 60/271,268
; PRIOR FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 50
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-084-555-50
```

```
Query Match          0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy          2817 GAGGAGAGTGGGGGAG 2834
Db          19 GAATTAAGTGGGGGAG 2
```

```
RESULT 772
US-10-349-143-7139/c
; Sequence 7139, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7139
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-24768 for SEQ 3205.
US-10-349-143-7139
```

```
Query Match          0.3%; Score 14.8; DB 1; Length 19;
Best Local Similarity 88.9%; Pred. No. 7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
Qy          290 CTCCTTGTGTTTCT 307
Db          19 CTCCTTCTTCTTCT 2
```

```
RESULT 773
US-10-349-143-7300/c
; Sequence 7300, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density..
```



```
FILE REFERENCE: ISPH-0576
CURRENT APPLICATION NUMBER: US/09/854,883
PRIOR FILING DATE: 2001-05-14
PRIOR APPLICATION NUMBER: US 09/629,644
PRIOR FILING DATE: 2000-07-31
PRIOR APPLICATION NUMBER: US 09/487,368
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 389
SEQ ID NO 347
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-854-883-347

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1264 TTCTGTGAGGCCAATC 1281
DB 18 TTCTGTGAGGCCAGC 1

RESULT 778
US-09-865-866-65
Sequence 65, Application US/09865866
Publication No. US20030045487A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) EX
FILE REFERENCE: RFS-0221
CURRENT APPLICATION NUMBER: US/09/865,866
CURRENT FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 173
SEQ ID NO 65
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-866-65

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 380 AAGCTGTGCGACGAGCC 397
DB 3 AAACAGGTGCGACGAGCC 20

RESULT 779
US-09-909-595-63/C
Sequence 63, Application US/09909595
Publication No. US2003008278A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Brenda F. Baker
APPLICANT: Jacqueline Wyatt
APPLICANT: Scott E. Davis
TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 LIGAND EXPRESSION
FILE REFERENCE: RFS-0223
CURRENT APPLICATION NUMBER: US/09/909,595
CURRENT FILING DATE: 2001-07-18
NUMBER OF SEQ ID NOS: 91
SEQ ID NO 63
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide
US-09-909-595-63

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 278 CTTCTCTCTCTCTCTCT 295
DB 20 CTTCTCTCTCTCTCTCT 3

RESULT 780
US-09-915-814-66
Sequence 66, Application US/09915814
Publication No. US20030096771A1
GENERAL INFORMATION:
APPLICANT: Madeline M. Butler
APPLICANT: Andrew T. Matt
APPLICANT: Susan M. Preter
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION
FILE REFERENCE: ISPH-0587
CURRENT APPLICATION NUMBER: US/09/915,814
CURRENT FILING DATE: 2001-07-26
NUMBER OF SEQ ID NOS: 230
SEQ ID NO 66
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-814-66

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2129 CCACTTACTTCAGGAG 2146
DB 1 CCACTTACTTCAGGAG 18

RESULT 781
US-09-920-394-49/C
Sequence 49, Application US/0920394
Publication No. US20030096772A1
GENERAL INFORMATION:
APPLICANT: Roseanne M. Crooke
APPLICANT: Mark J. Graham
APPLICANT: Kristina M. Lemonidis
TITLE OF INVENTION: ANTISENSE MODULATION OF ACYL COENZYME A CHOLESTEROL ACYLTRANSFER
FILE REFERENCE: ISPH-0589
CURRENT APPLICATION NUMBER: US/09/920,394
CURRENT FILING DATE: 2001-08-01
NUMBER OF SEQ ID NOS: 62
SEQ ID NO 49
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-394-49

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1430 TCTGGGATTCCTCAGAA 1447
DB 19 TCTGGGATTCCTCAGCA 2
```

RESULT 782
US-09-920-868A-14/c
Sequence 14, Application US/09920868A
Publication No. US2003013300A1
GENERAL INFORMATION:
APPLICANT: Perfetti, Riccardo
TITLE OF INVENTION: HUMAN GLUCOSE-DEPENDENT INSULIN-SECRETING CELL LINE
FILE REFERENCE: 81476-0255389
CURRENT APPLICATION NUMBER: US/09/920,868A
NUMBER OF SEQ ID NOS: 21
SOFTWARE: PatentIn version 3.1
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Human
US-09-920-868A-14

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1002 TTCACGACTGCAAGC 1019
Db 19 TTCACCACTGCAAGC 2

RESULT 783
US-10-092-140-8
Sequence 8, Application US/10092140
Publication No. US20020164801A1
GENERAL INFORMATION:
APPLICANT: McGill University et al.
TITLE OF INVENTION: HUMAN AND MAMMALIAN DNA
REPLICATION ORIGIN CONSENSUS SEQUENCES
NUMBER OF SEQUENCES: 15
CORRESPONDENCE ADDRESS:
ADDRESSEE: SMARBY OGILVY RENAUDT
STREET: 1981 McGill College Avenue - Suite 1600
CITY: Montreal
STATE: QC
COUNTRY: Canada
ZIP: H3A 2Y3
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/092,140
FILING DATE: 06-Mar-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/09/328,750
FILING DATE: 09-Jun-1999
APPLICATION NUMBER: 60/033,374
FILING DATE: 16-DEC-1996
APPLICATION NUMBER: 60/047,322
FILING DATE: 21-MAY-1997
ATTORNEY/AGENT INFORMATION:
NAME: C.L., France
REGISTRATION NUMBER: 4166
REFERENCE/DOCKET NUMBER: 1770-162PCT FC/1d
TELECOMMUNICATION INFORMATION:
TELEPHONE: 514 845-7126
TELEFAX: 514 288-8389
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single

TOPOLOGY: linear
MOLECULE TYPE: Genomic DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-10-092-140-8

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 237 GTGTATGGACGCTGCAC 254
Db 2 GTGTATGGACGCTGATC 19

RESULT 784
US-10-222-334-64/c
Sequence 64, Application US/10222334
Publication No. US20030073116A1
GENERAL INFORMATION:
APPLICANT: Ginsburg, David
APPLICANT: Levy, Galia
APPLICANT: Tsai, Han-Mou
TITLE OF INVENTION: ADAMTS13 Genes and Proteins and Variants, and Uses Thereof
FILE REFERENCE: UM-07288
CURRENT APPLICATION NUMBER: US/10/222,334
CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: 60/312,834
PRIOR FILING DATE: 2001-08-16
NUMBER OF SEQ ID NOS: 78
SOFTWARE: PatentIn version 3.1
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-222-334-64

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 842 CGACCTGAGAGAGAC 859
Db 18 CAACCTGAGAGAGAC 1

RESULT 785
US-10-181-107-69/c
Sequence 69, Application US/10181107
Publication No. US20030083295A1
GENERAL INFORMATION:
APPLICANT: Hong Zhang
APPLICANT: Lex M. Cowse
TITLE OF INVENTION: ANTISENSE MODULATION OF CASPASE 3 EXPRESSION
FILE REFERENCE: RSP-0325
CURRENT APPLICATION NUMBER: US/10/181,107
CURRENT FILING DATE: 2002-07-11
PRIOR APPLICATION NUMBER: PCT/US01/00888
PRIOR FILING DATE: 2001-01-11
PRIOR APPLICATION NUMBER: 09/484,617
PRIOR FILING DATE: 2000-01-18
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 69
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-107-69

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;

Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4423 ATATTATATATATATATG 4440

Db 20 AAAATATATATATATATG 3

RESULT 786

US-10-181-846-101/c
; Sequence 101, Application US/10181846
; Publication No. US20030083297A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RSP-0363
; CURRENT APPLICATION NUMBER: US/10/181,846
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01416
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/490,692
; PRIOR FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-846-101

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3519 CTGCTCAGAGGAGACTG 3536

Db 19 CTGCTCAGAGGAGACTG 2

RESULT 787

US-10-149-352-13/c
; Sequence 13, Application US/10149352
; Publication No. US20030105050A1
; GENERAL INFORMATION:
; APPLICANT: Beti, Rajinder
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 06275-254US1
; CURRENT APPLICATION NUMBER: US/10/149,352
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/GB00/04741
; PRIOR FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: GB 9929487.8
; PRIOR FILING DATE: 1999-12-15
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 4.0
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-149-352-13

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3370 GGGCTGAGGAGGAGAA 3387

Db 18 GGGCTGCTGCGAGAA 1

RESULT 788

US-10-079-384-33
; Sequence 33, Application US/10079384
; Publication No. US20030108986A1
; GENERAL INFORMATION:
; APPLICANT: Communi, Didier
; TITLE OF INVENTION: COMPOSITIONS AND METHODS COMPRISING G-PROTEIN COUPLED RECEPTORS
; FILE REFERENCE: 9409/2132
; CURRENT APPLICATION NUMBER: US/10/079,384
; CURRENT FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/885,453
; PRIOR FILING DATE: 2001-06-20
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-079-384-33

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1245 CTGCTCAGAGGAGCTCAG 1262

Db 3 CTGCTCAGAGGAGCTCAG 20

RESULT 789

US-10-002-491-24/c
; Sequence 24, Application US/10002491
; Publication No. US20030109467A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FXR EXPRESSION
; FILE REFERENCE: RTS-0239
; CURRENT APPLICATION NUMBER: US/10/002,491
; CURRENT FILING DATE: 2001-11-15
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-002-491-24

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1493 GAATCCAGAGATGTTTC 1510

Db 20 GAATCCAGAGATGTTTC 3

RESULT 790

US-10-008-789-30
; Sequence 30, Application US/10008789
; Publication No. US20030125276A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF THYROID HORMONE RECEPTOR INTERACTOR
; FILE REFERENCE: RTS-0333
; CURRENT APPLICATION NUMBER: US/10/008,789
; CURRENT FILING DATE: 2001-11-08
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 30

LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-008-789-30

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3350 GCCCAAGACTCCCGCT 3367
DB 3 GCCAAGTACTCCCGCT 20

RESULT 791
US-10-006-972A-88/c
Sequence 88, Application US/10006972A
Publication No. US20030139359A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE 3 EXPRESSION
FILE REFERENCE: RTS-0335
CURRENT APPLICATION NUMBER: US/10/006,972A
CURRENT FILING DATE: 2001-12-04
NUMBER OF SEQ ID NOS: 94
SEQ ID NO 88
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-972A-88

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1406 CACCTTTGAGGTGAAGC 1423
DB 20 CAACTTGAGGTGAAGC 3

RESULT 792
US-10-027-983-28/c
Sequence 28, Application US/10027983
Publication No. US20030139360A1
GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/027,983
CURRENT FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 28
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-28

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3729 CCGGCAAGAGGTGCGC 3746
DB 20 CACGGCAGAGGTGCGC 3

RESULT 793
US-10-006-191-71
Sequence 71, Application US/10006191
Publication No. US20030144223A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSION
FILE REFERENCE: RTS-0274
CURRENT APPLICATION NUMBER: US/10/006,191
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 71
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-71

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3354 AAGACTCCCGCTGCGG 3371
DB 1 AAGACTCTCCGCTGCGG 18

RESULT 794
US-10-006-191-91
Sequence 91, Application US/10006191
Publication No. US20030144223A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
TITLE OF INVENTION: ANTISENSE MODULATION OF CONNECTIVE TISSUE GROWTH FACTOR EXPRESSION
FILE REFERENCE: RTS-0274
CURRENT APPLICATION NUMBER: US/10/006,191
CURRENT FILING DATE: 2001-12-10
NUMBER OF SEQ ID NOS: 153
SEQ ID NO 91
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-191-91

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 283 TCTCTCTCTCTGCTT 300
DB 1 TCTCTACTCTCTGCTT 18

RESULT 795
US-10-169-983-20/c
Sequence 20, Application US/10169983
Publication No. US20030158250A1
GENERAL INFORMATION:
APPLICANT: Takara Shuzo Co., Ltd.
TITLE OF INVENTION: Therapeutic agents
FILE REFERENCE: 01-011-PCT
CURRENT APPLICATION NUMBER: US/10/169,983
CURRENT FILING DATE: 2002-07-14
PRIOR APPLICATION NUMBER: JP 2000-4989
PRIOR FILING DATE: 2000-01-13
PRIOR APPLICATION NUMBER: JP 2000-303711
PRIOR FILING DATE: 2000-10-03
NUMBER OF SEQ ID NOS: 61

```
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Designed primer based on nucleotide sequence of
; OTHER INFORMATION: human macrophage inflammatory protein-1-beta mRNA.
US-10-169-983-20

Query Match      *      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2365 AGCTGCTCAGACGAGGA 2382
DB      19 AGCTGCTCAGACGAGGA 2

RESULT 796
US-10-448-753-28/C
; Sequence 28, Application US/10448753
; Publication No. US2003021611A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RTS-0340
; CURRENT APPLICATION NUMBER: US/10/448,753
; PRIOR FILING DATE: 2003-05-30
; PRIOR APPLICATION NUMBER: US/10/027,983
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-448-753-28

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3729 CCGGCGACAGCGTCCCC 3746
DB      20 CACGGCCAGCAGCGTCCCC 3

RESULT 797
US-10-181-856-86/C
; Sequence 86, Application US/10181856
; Publication No. US20030212018A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION
; FILE REFERENCE: RSP-0345
; CURRENT APPLICATION NUMBER: US/10/181,856
; PRIOR FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: ECT/US01/01361
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/488,744
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
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; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-856-86

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      4426 TTATATATATATATGCGC 4443
DB      18 TTATATATATATATATTC 1

RESULT 798
US-10-360-510-347/C
; Sequence 347, Application US/10360510
; Publication No. US20030220282A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; APPLICANT: Jacqueline Wyatt
; APPLICANT: Susan M. Freier
; APPLICANT: Brett P. Monia
; APPLICANT: Madeline M. Butler
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTP1B EXPRESSION
; FILE REFERENCE: ISPH-0576
; CURRENT APPLICATION NUMBER: US/10/360,510
; PRIOR FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US/09/854,883
; PRIOR FILING DATE: 2001-05-14
; PRIOR APPLICATION NUMBER: US 09/629,644
; PRIOR FILING DATE: 2000-07-31
; PRIOR APPLICATION NUMBER: US 09/487,368
; PRIOR FILING DATE: 2000-01-18
; NUMBER OF SEQ ID NOS: 369
; SEQ ID NO 347
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-360-510-347

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1264 TTCCTGTGTAGGCCAATC 1281
DB      18 TTCCTGTGTAGGCCAGC 1

RESULT 799
US-10-160-497-20
; Sequence 20, Application US/10160497
; Publication No. US20030224513A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Erich Koller
; TITLE OF INVENTION: ANTISENSE MODULATION OF NOTCH1 EXPRESSION
; FILE REFERENCE: RTS-0386
; CURRENT APPLICATION NUMBER: US/10/160,497
; PRIOR FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-497-20

Query Match      0.3%; Score 14.8; DB 1; Length 20;
```

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2289 CTGCTACTGTGGAGGCA 2306
|||||
Db 3 CTGCTACTGTGGAAGACA 20

RESULT 800
US-10-348-750-20
; Sequence 20, Application US/10348750
; Publication No. US20030225019A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Rich Koller
; TITLE OF INVENTION: NOTCH1 INHIBITORS FOR INDUCING APOPTOSIS
; FILE REFERENCE: ISPH-0729
; CURRENT APPLICATION NUMBER: US/10/348,750
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: 10/160,497
; PRIOR FILING DATE: 2002-02-20
; NUMBER OF SEQ ID NOS: 146
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-348-750-20

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2289 CTGCTACTGTGGAGGCA 2306
|||||
Db 3 CTGCTACTGTGGAAGACA 20

RESULT 801
US-10-159-834-23
; Sequence 23, Application US/10159834
; Publication No. US20030228688A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE
; FILE REFERENCE: RTS-0299
; CURRENT APPLICATION NUMBER: US/10/159,834
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-834-23

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3362 CCGCTGGGGCCCTGCAG 3379
|||||
Db 3 CCGGTGGGGCCCTGCAG 20

RESULT 802
US-10-159-834-96/c
; Sequence 96, Application US/10159834
; Publication No. US20030228688A1

GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ISOPRENYLCYSTEINE CARBOXYL METHYLTRANSFERASE
; FILE REFERENCE: RTS-0299
; CURRENT APPLICATION NUMBER: US/10/159,834
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 130
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-159-834-96

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3362 CCGCTGGGGCCCTGCAG 3379
|||||
Db 18 CCGGTGGGGCCCTGCAG 1

RESULT 803
US-10-177-554-59
; Sequence 59, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-554-59

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2987 CACAGAACGACGCTGCC 3004
|||||
Db 3 CACAGCACGACGCTGCC 20

RESULT 804
US-10-177-554-195/c
; Sequence 195, Application US/10177554
; Publication No. US20030235911A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Hong Zhang
; TITLE OF INVENTION: ANTISENSE MODULATION OF PRL-3 EXPRESSION
; FILE REFERENCE: RTS-0370
; CURRENT APPLICATION NUMBER: US/10/177,554
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 239
; SEQ ID NO 195
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-177-554-195

Query Match 0.3%; Score 14.8; DB 1; Length 20;

Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2987 CACGAAACGACGCTGCC 3004
18 CACAGCCAGCAGCCTGCC 1

RESULT 805

US-10-289-762-1870/c
; Sequence 1870, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:

; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1870
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae
US-10-289-762-1870

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4947 ATGATTCATCGCTG 4964
19 ATGCTTCATCGAGCTG 2

RESULT 806

US-10-289-762-2493
; Sequence 2493, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:

; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 2493
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae
US-10-289-762-2493

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2251 ACCTCTTGTGGG 2268
3 ACCTCTTGTGGG 20

RESULT 807

US-10-289-762-6050
; Sequence 6050, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:

; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection

; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6050
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6050

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2857 CTCTCCAAAGCTGAAGC 2874
1 CTCTCCAAAGCCGAATC 18

RESULT 808

US-10-435-696-303/c
; Sequence 303, Application US/10435696
; Publication No. US20040018525A1
; GENERAL INFORMATION:

; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnes, Marc
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
; TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
; FILE REFERENCE: Lea 36 108
; CURRENT APPLICATION NUMBER: US/10/435,696
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 303
; LENGTH: 20
; TYPE: DNA

; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: D17S2011 forward primer
US-10-435-696-303

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3814 GCCAGGAGGCCCAAGA 3831
19 GCTACGGAGGCCCAAGA 2

RESULT 809

US-10-425-037-1
; Sequence 1, Application US/10425037
; Publication No. US20040054162A1
; GENERAL INFORMATION:

; APPLICANT: Hanna, Michelle M.
; TITLE OF INVENTION: Molecular Detection Systems Utilizing Repetitive Oligonucleotides
; FILE REFERENCE: 2072.0010005
; CURRENT APPLICATION NUMBER: US/10/425,037
; CURRENT FILING DATE: 2003-04-29
; PRIOR APPLICATION NUMBER: PCT/US02/34419
; PRIOR FILING DATE: 2002-10-29
; PRIOR APPLICATION NUMBER: US 09/984,664
; PRIOR FILING DATE: 2001-10-30
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: P16PF2 Primer
US-10-425-037-1

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2951 CTATGGCAGGCGCTGCAT 2968
Db 2 CTCTGGCAGGCGCTGCTT 19

RESULT 810
US-10-273-826-39
; Sequence 39, Application US/10273826
; Publication No. US20040077083A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
; FILE REFERENCE: RTS-0161
; CURRENT APPLICATION NUMBER: US/10/273,826
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-273-826-39

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 544 CCCGCTCCAAGCGCGAG 561
Db 3 CCCGCTCCAAGCGCGAG 20

RESULT 811
US-10-274-347-39
; Sequence 39, Application US/10274347
; Publication No. US20040077084A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Walt
; APPLICANT: Steven Davidson
; APPLICANT: Junling Li
; APPLICANT: Keith Glaser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
; FILE REFERENCE: RTS-0264
; CURRENT APPLICATION NUMBER: US/10/274,347
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-347-39

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 544 CCCGCTCCAAGCGCGAG 561
Db 3 CCCGCTCCAAGCGCGAG 20
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RESULT 812
US-10-280-183A-544/c
; Sequence 544, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Aurobindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Xia
; APPLICANT: Omen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 544
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-544

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4247 GTGAGCTTAGCCCAAG 4264
Db 20 GTGAGGTAAGCACCAG 3

RESULT 813
US-10-293-863-15
; Sequence 15, Application US/10293863
; Publication No. US20040092464A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE 11
; FILE REFERENCE: HTS-0090
; CURRENT APPLICATION NUMBER: US/10/293,863
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-293-863-15

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3732 GCGACAGAGTGCCGCG 3749
Db 3 GCGCAGCAGAGTGCTCGCG 20

RESULT 814
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US-10-293-863-51/c
; Sequence 51, Application US/10293863
; Publication No. US20040092464A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MITOGEN-ACTIVATED PROTEIN KINASE KINASE 11
; FILE REFERENCE: HTS-0090
; CURRENT APPLICATION NUMBER: US/10/293,863
; CURRENT FILING DATE: 2002-11-11
; NUMBER OF SEQ ID NOS: 78
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-293-863-51

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3732 GGCAAGCAGTGGCCCGC 3749
||| ||||| ||||| |||||
Db 18 GGCCGACGAGTGCTCGCG 1

RESULT 815
; Sequence 39, Application US/10300263
; Publication No. US20040096834A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
; FILE REFERENCE: RTS-0431
; CURRENT APPLICATION NUMBER: US/10/300,263
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-263-39

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1534 AGAAATCCTGCAGCTCA 1551
||| ||| ||||| |||||
Db 20 AGAATATCTGCAGCTCA 3

RESULT 816
US-10-300-263-40
; Sequence 40, Application US/10300263
; Publication No. US20040096834A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
; FILE REFERENCE: RTS-0431
; CURRENT APPLICATION NUMBER: US/10/300,263
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide

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US-10-300-263-40
Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      337  TCCTTCCCTCAGTGCAGC 354
      ||||| ||||| |||||
DB      3    TCCTTTGCTCCTCAGC 20

RESULT 817
US-10-300-263-114
; Sequence 114, Application US/10300263
; Publication No. US20040096834A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
; FILE REFERENCE: RTS-0431
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 114
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-300-263-114

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1534  AGAAATCTCTGACGCTCA 1551
      ||||| ||||| |||||
DB      1    AGAATATCTCTCAGCTCA 18

RESULT 818
US-10-300-263-115/c
; Sequence 115, Application US/10300263
; Publication No. US20040096834A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF HIP-1 PROTEIN INTERACTOR EXPRESSION
; FILE REFERENCE: RTS-0431
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 154
; SEQ ID NO 115
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-300-263-115

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      337  TCCTTTCCTCAGTGCAGC 354
      ||||| ||||| |||||
DB      18  TCCTTTGCTCCTCAGC 1

RESULT 819
US-10-303-266-24
; Sequence 24, Application US/10303266
; Publication No. US20040101848A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie

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; TITLE OF INVENTION: MODULATION OF GLUCOSE TRANSPORTER-4 EXPRESSION
; FILE REFERENCE: PTS-0426
; CURRENT APPLICATION NUMBER: US/10/303,266
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-266-24

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2803 AAGGAGAAATGAAGAAG 2820
Db      1 AAGGTGAAGATGAAGAAG 18

RESULT 820
US-10-303-266-101/c
; Sequence 101, Application US/10303266
; Publication No. US20040101848A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Alexander H. Borchers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF GLUCOSE TRANSPORTER-4 EXPRESSION
; FILE REFERENCE: PTS-0426
; CURRENT APPLICATION NUMBER: US/10/303,266
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 101
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-303-266-101

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2803 AAGGAGAAATGAAGAAG 2820
Db      20 AAGGTGAAGATGAAGAAG 3

RESULT 821
US-10-304-116-86/c
; Sequence 86, Application US/10304116
; Publication No. US20040101857A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CYTOKINE-INDUCIBLE KINASE EXPRESSION
; FILE REFERENCE: PTS-0397
; CURRENT APPLICATION NUMBER: US/10/304,116
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 138
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-116-86

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
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Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2842 TGAAGTTGGTGAAGTTC 2859
Db      19 TCAAGTTGGGTGAAGTTC 2

RESULT 822
US-10-316-638-26
; Sequence 26, Application US/10316638
; Publication No. US20040110151A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SENTRYIN-2 EXPRESSION
; FILE REFERENCE: PTS-0052
; CURRENT APPLICATION NUMBER: US/10/316,638
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 75
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-638-26

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      930 AAGAGGTTCCCTTTTCA 947
Db      2 AAGCAGGTTCCCTTTTCA 19

RESULT 823
US-10-316-638-60/c
; Sequence 60, Application US/10316638
; Publication No. US20040110151A1
; GENERAL INFORMATION:
; APPLICANT: Donna T. Ward
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SENTRYIN-2 EXPRESSION
; FILE REFERENCE: PTS-0052
; CURRENT APPLICATION NUMBER: US/10/316,638
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 75
; SEQ ID NO 60
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-316-638-60

Query Match      0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      930 AAGAGGTTCCCTTTTCA 947
Db      19 AAGCAGGTTCCCTTTTCA 2

RESULT 824
US-10-317-401-65/c
; Sequence 65, Application US/10317401
; Publication No. US20040115635A1
; GENERAL INFORMATION:
; APPLICANT: Lex W. Cowser
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PTPN13 EXPRESSION
; FILE REFERENCE: PTS-0004
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; CURRENT APPLICATION NUMBER: US/10/317,401
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 139
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-401-65

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4647 TAAGAGCTGAGAGTCT 4664
DB 19 TAAGAGCTGAGAGTCT 2

RESULT 825
US-10-317-401-129
; Sequence 129, Application US/10317401
; Publication No. US20040115635A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowbert
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PTEN13 EXPRESSION
; FILE REFERENCE: PTS-0004
; CURRENT APPLICATION NUMBER: US/10/317,401
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 139
; SEQ ID NO 129
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-401-129

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4647 TAAGAGCTGAGAGTCT 4664
DB 2 TAAGAGCTGAGAGTCT 19

RESULT 826
US-10-317-803-86/c
; Sequence 86, Application US/10317803
; Publication No. US20040115640A1
; GENERAL INFORMATION:
; APPLICANT: Kathleen Myers
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ANGIOPOIETIN-2 EXPRESSION
; FILE REFERENCE: RTS-0454
; CURRENT APPLICATION NUMBER: US/10/317,803
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-803-86

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3228 ATCACTGAATTCATCAAC 3245
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DB 20 ATCTCTGAATTCATCAAC 3

RESULT 827
US-10-318-819A-20/c
; Sequence 20, Application US/10318819A
; Publication No. US20040115645A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF DRK2 EXPRESSION
; FILE REFERENCE: PTS-0069
; CURRENT APPLICATION NUMBER: US/10/318,819A
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 133
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-318-819A-20

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1928 CAGTGTGACTTTTAAAC 1945
DB 19 CAGTGTGACTTTTAAAC 2

RESULT 828
US-10-671-395-59
; Sequence 59, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 59
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-59

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2260 GGTGGGAGTCTTAAT 2277
DB 3 GGTGGGAGTCTTAAT 20

RESULT 829
US-10-671-395-80
; Sequence 80, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
```

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; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 80
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-80

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2261 GTTGGGATCTTAATA 2278
Db      1 GTTGGGATCTTAATA 18

RESULT 830
US-10-671-395-1275/c
; Sequence 1275, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1275
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1275

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1534 AGAAATCTGCAGCTCA 1551
Db      19 AGAAATCTTCAGCTAA 2

RESULT 831
US-10-671-395-1460/c
; Sequence 1460, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
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; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1460
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1460

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1534 AGAAATCTGCAGCTCA 1551
Db      18 AGAAATCTTCAGCTAA 1

RESULT 832
US-10-671-395-1477/c
; Sequence 1477, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gliese, James K
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR FILING DATE: 2002-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1477
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1477

Query Match          0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1534 AGAAATCTGCAGCTCA 1551
Db      20 AGAAATCTTCAGCTAA 3

RESULT 833
US-10-666-909-17/c
; Sequence 17, Application US/10666909
; Publication No. US20040137623A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kathleen Myers
; APPLICANT: Joshua Finger
; TITLE OF INVENTION: DELIVERY OF OLIGONUCLEOTIDE COMPOUNDS INTO OSTEOCLASTS AND MODUL.
; FILE REFERENCE: 23546-07993/RTSP-0313US.P1
; CURRENT APPLICATION NUMBER: US/10/666,909
; CURRENT FILING DATE: 2003-09-17
; PRIOR FILING DATE: 2002-08-06
; PRIOR APPLICATION NUMBER: 10/111,868
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: PCT/US00/29828
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: 09/435,296
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
```

; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: antisense oligonucleotide
US-10-666-909-17

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 684 AATGAGATGATTAATTC 701
Db 20 AATGAGAGATTAATGC 3

RESULT 834
US-10-666-909-65
; Sequence 65, Application US/10666909
; Publication No. US20040137623A1
; GENERAL INFORMATION:
; APPLICANT: Brenda F. Baker
; APPLICANT: Kathleen Myers
; APPLICANT: Joshua Finger
; TITLE OF INVENTION: DELIVERY OF OLIGONUCLEOTIDE COMPOUNDS INTO OSTEOCLASTS AND MODULA
; FILE REFERENCE: 23546-07993/RTSP-0113US.P1
; CURRENT APPLICATION NUMBER: 2003-09-17
; PRIOR FILING DATE: 2002-08-06
; PRIOR APPLICATION NUMBER: PCT/US00/29828
; PRIOR FILING DATE: 2000-10-30
; PRIOR APPLICATION NUMBER: 09/435,296
; PRIOR FILING DATE: 1999-11-05
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
US-10-666-909-65

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 684 AATGAGATGATTAATTC 701
Db 1 AATGAGAGATTAATGC 18

RESULT 835
US-10-449-741B-32/C
; Sequence 32, Application US/10449741B
; Publication No. US20040142387A1
; GENERAL INFORMATION:
; APPLICANT: LERMARK, Ake
; APPLICANT: LUO, Dong
; APPLICANT: MACMURRAY, Armand
; APPLICANT: ETTINGER, Ruth
; APPLICANT: MORALEJO, Daniel
; APPLICANT: RUTLEDGE, Elizabeth A.
; TITLE OF INVENTION: MUTANTS OF GAD65 AND IANS RELATING TO DIABETES
; FILE REFERENCE: 16336-19
; CURRENT APPLICATION NUMBER: US/10/449,741B
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: US 60/383,913
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 32
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-449-741B-32

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 2377 AGAGAGGAGCAGCAGG 2394
Db 19 AGAAGAGGAGCTGAGG 2

RESULT 836
US-10-619-739-1596
; Sequence 1596, Application US/10619739
; Publication No. US20040175719A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic Tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; PRIOR FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1596
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-1596

Query Match 0.3%; Score 14.8; DB 1; Length 20;
Best Local Similarity 88.9%; Pred. No. 7.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 3287 CCTGACGTCAGACGAC 3304
Db 1 CCTGACGTCAGACGAC 18

RESULT 837
US-09-765-081-424/C
; Sequence 424, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Iander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 424
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-424

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 8.2e+02;
Matches 16; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3567 CCCCTGATGCTCCCTGAG 3586
DB 21 CCCCTGATGCTCCCTGAG 2

RESULT 838
US-09-760-139-14/c
; Sequence 14, Application US/09760139
; Patent No. US20020058304A1
; GENERAL INFORMATION:
; APPLICANT: Yaver, Debbie S.
; APPLICANT: Bellini, Daniel A.
; TITLE OF INVENTION: Methods For Producing A Polypeptide
; FILE REFERENCE: 5966.200-US
; CURRENT APPLICATION NUMBER: US/09/760,139
; PRIOR FILING DATE: 2001-01-12
; PRIOR APPLICATION NUMBER: 09/482,751
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Aspergillus oryzae
US-09-760-139-14

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3277 CACCAATGCCCCCTGCAGC 3294
DB 21 CACCAATGCCCCCTGCAGC 4

RESULT 839
US-09-969-373-2418
; Sequence 2418, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; PRIOR FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2418
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2418

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 271 TCTCTCTTCTCTCTC 288
DB 4 TCTCTCTCTCTCTC 21

RESULT 840
US-10-184-085A-284/c
; Sequence 284, Application US/10184085A

; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 284
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-284

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2817 GAGGAAGTGGGGGAG 2834
DB 19 GATGATGTGAGGGGAG 2

RESULT 841
US-10-184-085A-976/c
; Sequence 976, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; PRIOR FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 976
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-976

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2817 GAGGAAGTGGGGGAG 2834
DB 19 GATGATGTGAGGGGAG 2

RESULT 842
US-10-133-779-138
; Sequence 138, Application US/10133779
; Publication No. US2003015884A1
; GENERAL INFORMATION:
; APPLICANT: Chow, Robert
; APPLICANT: Tonal, Richard
; APPLICANT: Stemcyte, Inc.
; TITLE OF INVENTION: High Throughput Methods of HLA Typing
; FILE REFERENCE: 020035-000210US
; CURRENT APPLICATION NUMBER: US/10/133,779
; PRIOR FILING DATE: 2002-04-25


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; PRIOR APPLICATION NUMBER: US/09/747,391
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: US 60/172,768
; PRIOR FILING DATE: 1999-12-20
; NUMBER OF SEQ ID NOS: 278
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 138
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-133-779-138

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      725 CTCATGAGGTTCTTCAC 742
      |||||
      4 CTCATGAGGTTCTTCAC 21

RESULT 843
US-10-367-438-186
; Sequence 186, Application US/10367438
; Publication No. US20030180773A1
; GENERAL INFORMATION:
; APPLICANT: COHEN, Daniel
; BLUMENFELD, Marta
; TCHOUMAKOV, Iliia
; TITLE OF INVENTION: Biallelic markers for use in
; constructing a high density disequilibrium map of
; the human genome.
; NUMBER OF SEQUENCES: 336
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Knobbe, Martens, Olson & Bear
; STREET: 550 West C Street
; CITY: San Diego
; STATE: California
; COUNTRY: USA
; ZIP: 92101
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy Disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: Win95
; SOFTWARE: Word
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/367,438
; FILING DATE: 14-Feb-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/463,075A
; FILING DATE: 14-Jan-2000
; INFORMATION FOR SEQ ID NO: 186:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: NUCLEIC ACID
; STRANDEDNESS: SINGLE
; TOPOLOGY: LINEAR
; MOLECULE TYPE: DNA
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: downstream amplification primer for SEQ ID#6, SEQ ID#6
; LOCATION: 1..21
; SEQUENCE DESCRIPTION: SEQ ID NO: 186:
US-10-367-438-186

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1588 TGGTGAACAGAGAGG 1605
      |||||
      4 TGGTGAACAGAGAGG 21

Db
```

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RESULT 844
US-10-453-264-21/c
; Sequence 21, Application US/10453264
; Publication No. US20030198947A1
; GENERAL INFORMATION:
; APPLICANT: Roche Diagnostics Corporation
; TITLE OF INVENTION: Hepatitis Sentinel Virus I
; FILE REFERENCE: RDID 0069CUS
; CURRENT APPLICATION NUMBER: US/10/453,264
; CURRENT FILING DATE: 2003-06-03
; NUMBER OF SEQ ID NOS: 25
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 21
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct - linker sequence
US-10-453-264-21

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      3069 CAGACCTCTCAGGCGCAG 3086
      |||||
      21 CAGACCTCTCAGGCGCAG 4

Db

RESULT 845
US-10-371-666-26/c
; Sequence 26, Application US/10371666
; Publication No. US20030219497A1
; GENERAL INFORMATION:
; APPLICANT: Otearbein, Leo E.
; APPLICANT: Moore, Beverley A.
; APPLICANT: Bauer, Anthony J.
; TITLE OF INVENTION: METHODS OF TREATING ILEUS
; FILE REFERENCE: 14022-006001
; CURRENT APPLICATION NUMBER: US/10/371,666
; CURRENT FILING DATE: 2003-02-21
; PRIOR APPLICATION NUMBER: US 60/372,652
; PRIOR FILING DATE: 2002-04-15
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-371-666-26

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      718 AAGGCGTCTCAGATGAGT 735
      |||||
      18 AAGGCGTCTCAGATGAGT 1

Db

RESULT 846
US-10-418-182-124
; Sequence 124, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
```

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; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 124
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-124

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1715 CATGATCACCATCTTCAT 1732
Db 4 CATGATCACCATCTCAT 21

RESULT 847
US-10-349-143-8118
; Sequence 8118, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marca
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8118
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-13860 for SEQ 253, in compleme
US-10-349-143-8118

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 2696 ACAGATTGAGTTCTCAG 2713
Db 4 ACAGATTGAGTTGTCTCAG 21

RESULT 848
US-10-349-143-8648
; Sequence 8648, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marca
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1

; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8648
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-17262 for SEQ 783, in compleme
US-10-349-143-8648

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1140 AACTGACCACACTGCTC 1157
Db 4 AACTGACACACACTGCTC 21

RESULT 849
US-10-349-143-9365
; Sequence 9365, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marca
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9365
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-2570 for SEQ 1500, in compleme
US-10-349-143-9365

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1588 TGGTGAAACAGAGAGG 1605
Db 4 TGGTGAAAAAAGAGAGG 21

RESULT 850
US-10-349-143-11206
; Sequence 11206, Application US/10349143
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; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11206
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-3393 for SEQ 3341, in compleme
US-10-349-143-11206

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1588 TCGTGAACGAGAGG 1605
DB      4 TGGAGAGAGCAGAGAGG 21

RESULT 851
US-10-786-720-2046/c
; Sequence 2046, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2046
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-2046

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2810 AATGAGAGAGAGTGA 2827
DB      21 AACTGAAGAAAGAGTGA 4

RESULT 852
US-10-786-720-3643/c
; Sequence 3643, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
```

```
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3643
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-3643

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1985 GCTGGCCAGCCTGAGCA 2002
DB      21 GCTGGCCTAGCCTGAGCA 4

RESULT 853
US-10-786-720-3644/c
; Sequence 3644, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3644
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-3644

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1985 GCTGGCCAGCCTGAGCA 2002
DB      19 GCTGGCCTAGCCTGAGCA 2

RESULT 854
US-10-786-720-3645
; Sequence 3645, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3645
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
```

US-10-786-720-3645

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 8.2e+02;
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1985 GCTGCCAGCCTGAGCA 2002
Db 1 GCTGCCAGCCTGAGCA 18

RESULT 855

US-10-786-720-4351/c
; Sequence 4351, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4351
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-4351

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1985 GCTGCCAGCCTGAGCA 2002
Db 21 GCTGCCAGCCTGAGCA 4

RESULT 856
US-10-786-720-4352/c
; Sequence 4352, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4352
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-4352

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1985 GCTGCCAGCCTGAGCA 2002
Db 19 GCTGCCAGCCTGAGCA 2

RESULT 857
US-10-786-720-4353

; Sequence 4353, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4353
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-4353

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 8.2e+02;
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 1985 GCTGCCAGCCTGAGCA 2002
Db 1 GCTGCCAGCCTGAGCA 18

RESULT 858
US-10-786-720-5083/c
; Sequence 5083, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5083
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-5083

Query Match 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1985 GCTGCCAGCCTGAGCA 2002
Db 21 GCTGCCAGCCTGAGCA 4

RESULT 859
US-10-786-720-5084/c
; Sequence 5084, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2

```

; SEQ ID NO 5084
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-5084

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1985 GCTGGCCAGCCTGACGA 2002
      |||||
Db      19 GCTGGCCTAGCCTGACGA 2

RESULT 860
US-10-786-720-5085
; Sequence 5085, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 5085
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-5085

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 77.8%; Pred. No. 8.2e+02;
Matches 14; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

OY      1985 GCTGGCCAGCCTGACGA 2002
      |||||
Db      1 GCTGGCCTAGCCTGACGA 18

RESULT 861
US-10-786-720-12931
; Sequence 12931, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 12931
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12931

Query Match          0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY      1300 AGCTGACCACTGACGA 1317
      |||||
Db      2 AGCAGCTGCACTGACGA 19

```

```

RESULT 862
US-10-786-720-13546
; Sequence 13546, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13546
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13546

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1015 AAAGCATGACACCAGTG 1032
       ||| ||||| ||||| |||
Db      1 AATCATGTGACACCCAGAG 18

RESULT 863
US-10-786-720-13548/c
; Sequence 13548, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13548
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-13548

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1015 AAAGCATGACACCAGTG 1032
       ||| ||||| ||||| |||
Db      21 AATCATGTGACACCCAGAG 4

RESULT 864
US-10-786-720-13720
; Sequence 13720, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)

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```
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13720
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13720

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      399 AGGCCACCAAGAGCCAC 416
Db      4 AGGCCACCAAGCGGCTAC 21

RESULT 865
US-10-786-720-13721
; Sequence 13721, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13721
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13721

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      399 AGGCCACCAAGAGCCAC 416
Db      2 AGGCCACCAAGCGGCTAC 19

RESULT 866
US-10-786-720-13722/c
; Sequence 13722, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13722
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13722

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      399 AGGCCACCAAGAGCCAC 416
Db      2 AGGCCACCAAGCGGCTAC 19

RESULT 867
US-10-786-720-13768
; Sequence 13768, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13768
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13768

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1015 AAAGCATGGACACCAAGTG 1032
Db      4 AAATCATGGACACCAAGAG 21

RESULT 868
US-10-786-720-13769
; Sequence 13769, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13769
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-13769

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 8.2e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      1015 AAAGCATGGACACCAAGTG 1032
Db      2 AAUUCAGGACACCAAGAG 19

RESULT 869
US-10-786-720-13770/c
; Sequence 13770, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
```

```

; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13770
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-13770

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1015 AAAGCATGACACCACTG 1032
Db 18 AAATCATGACACCAAG 1

RESULT 870
US-10-786-720-13802/c
; Sequence 13802, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13802
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-13802

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1341 AAGGTCAAGCCTTGCTG 1358
Db 21 AAGGTCAAGCATTGCTG 4

RESULT 871
US-10-786-720-14338
; Sequence 14338, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14338
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-14338

Query Match
Best Local Similarity 0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 924 GAGGCCAAGAGGTTCTT 941
Db 1 GATGCTAGGAGGTTCTT 18

RESULT 874
US-10-786-720-17483
; Sequence 17483, Application US/10786720
```

```
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 17483
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-sense strand
US-10-786-720-17483

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 8.2e+02;
Matches 12; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      3217 GTGGCTTCAGCATCTG 3234
      |||:|||||:|||||
Db      1 GUGGAUCCAGCUCUACUG 18

RESULT 875
US-10-786-720-18671
; Sequence 18671, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 18671
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-sense strand
US-10-786-720-18671

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 8.2e+02;
Matches 12; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY      3217 GTGGCTTCAGCATCTG 3234
      |||:|||||:|||||
Db      1 GUGGAUCCAGCUCUACUG 18

RESULT 876
US-10-786-720-20320
; Sequence 20320, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20320
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; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-20320

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5067 TTCTTCTATCTCTGTGG 5084
      |||||
Db      3 TTCTGCTATCTCTGTG 20

RESULT 877
US-10-786-720-20322/c
; Sequence 20322, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 20322
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNA1-antisense strand
US-10-786-720-20322

Query Match      0.3%; Score 14.8; DB 1; Length 21;
Best Local Similarity 88.9%; Pred. No. 8.2e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5067 TTCTTCTATCTCTGTGG 5084
      |||||
Db      19 TTCTGCTATCTCTGTG 2

RESULT 878
US-09-788-038-40/c
; Sequence 40, Application US/09788038
; Patent No. US20020072055A1
; GENERAL INFORMATION:
; APPLICANT: Jones, Douglas H.
; TITLE OF INVENTION: An Iterative and Regenerative DNA
; NUMBER OF SEQUENCES: 41
; CORRESPONDENCE ADDRESS:
; ADDRESSER: LAHIVE & COCKFIELD, LLP
; STREET: 28 State Street
; CITY: Boston
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02109-1875
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/788,038
; FILING DATE: 16-Feb-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 09/226,683
; FILING DATE: <Unknown>
; ATTORNEY/AGENT INFORMATION:
```


NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UTZ-022
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-09-788-038-40

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1039 CAGAGACATCTTAAG 1056
DB 22 CAGAGACATCTTAACG 5

RESULT 879
US-09-969-373-3603
Sequence 3603, Application US/09969373
Patent No. US20020133852A1
GENERAL INFORMATION:
APPLICANT: Effeitz, Roger J.
TITLE OF INVENTION: Soybean SSR and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
PRIOR FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 3603
LENGTH: 22
TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-3603

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 4672 TTGTTAGGTACAGAA 4689
DB 4 TTGTTAAGGTACATGAA 21

RESULT 880
US-09-263-959-610/c
Sequence 610, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI-
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESS: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington

COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 682-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 610:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-610

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 1594 AAACAGAGAGAGAGA 1611
DB 22 AAAGAGAGAGAGAGAGA 5

RESULT 881
US-09-837-621-40/c
Sequence 40, Application US/09837621
Publication No. US20030044784A1
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA Sequencing Method
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESS: LAHIVE & COCKFIELD
STREET: 28 State Street
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/837,621
FILING DATE: 17-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/035,183
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Hanley, Elizabeth A.
REGISTRATION NUMBER: 33,505
REFERENCE/DOCKET NUMBER: UTZ-022CP
TELECOMMUNICATION INFORMATION:
TELEPHONE: (617)227-7400
TELEFAX: (617)742-4214
INFORMATION FOR SEQ ID NO: 40:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs

```

;
;      TYPE: nucleic acid
;      STRANDEDNESS: single
;      TOPOLOGY: linear
;      MOLECULE TYPE: DNA
;      SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-09-837-621-40

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1039 CAGAGAGCATCTTAAG 1056
DB      22 CAGAGATCATCTTACG 5

RESULT 882
US-09-782-604-37/c
; Sequence 37, Application US/09782604
; Publication No. US20030143534A1
; GENERAL INFORMATION:
; APPLICANT: GOSWAMI, USHA
; APPLICANT: BERNARDI, GIACOMO
; APPLICANT: GOSWAMI, SUBHASH CHANDER
; APPLICANT: JOHNSON, ROBERT K.
; TITLE OF INVENTION: PROBES FOR MYCTOPHID FISH AND A METHOD FOR DEVELOPING
; FILE REFERENCE: 05689/0117
; CURRENT APPLICATION NUMBER: US/09/782,604
; CURRENT FILING DATE: 2001-02-14
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 37
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-782-604-37

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2908 AGCACATCTCATGACGA 2925
DB      22 AGCACATCATCATCAGAA 5

RESULT 883
US-10-112-645-7
; Sequence 7, Application US/10112645
; Publication No. US20020169127A1
; GENERAL INFORMATION:
; APPLICANT: Charmley, Patrick R.
; APPLICANT: Smith, Ryan C.
; APPLICANT: Argonza-Barrett, Rhodora H.
; APPLICANT: Fitzgibbon, Matthew P.
; APPLICANT: Wang, Kai P.
; TITLE OF INVENTION: Compositions and Methods for Diagnosing or Treating Psoriasis
; FILE REFERENCE: C6CH118764
; CURRENT APPLICATION NUMBER: US/10/112,645
; CURRENT FILING DATE: 2002-03-28
; PRIOR APPLICATION NUMBER: US 60/280,514
; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide PCR Primer
```

```

US-10-112-645-7

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      2698 CTGCTAGACGACATC 2915
DB      5 CCCTGACACGACATC 22

RESULT 884
US-10-127-816-54
; Sequence 54, Application US/10127816
; Publication No. US20030104416A1
; GENERAL INFORMATION:
; APPLICANT: Shepard, Paul O.
; APPLICANT: Fox, Brian A.
; APPLICANT: Klucher, Kevin M.
; APPLICANT: Taft, David W.
; APPLICANT: Kindvogel, Wayne R.
; TITLE OF INVENTION: CYTOKINE PROTEIN FAMILY
; FILE REFERENCE: 01-17
; CURRENT APPLICATION NUMBER: US/10/127,816
; CURRENT FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/285,408
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: US 60/286,482
; PRIOR FILING DATE: 2001-04-25
; PRIOR APPLICATION NUMBER: US 60/341,050
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 60/341,105
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: US 09/895,834
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 60/285,424
; PRIOR FILING DATE: 2001-04-20
; NUMBER OF SEQ ID NOS: 59
; SOFTWARE: PatSeq for Windows Version 4.0
; SEQ ID NO 54
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide primer ZC39741
US-10-127-816-54

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3838 TCAGTCTCCAGGCCCGG 3855
DB      5 TCAGTCTCCAGGCCCTGG 22

RESULT 885
US-10-083-246A-16/c
; Sequence 16, Application US/10083246A
; Publication No. US20030152936A1
; GENERAL INFORMATION:
; APPLICANT: Athena Diagnostics
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDN-
; FILE REFERENCE: 1133/2002
; CURRENT APPLICATION NUMBER: US/10/083,246A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 16
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
```

FEATURE:
NAME/KEY: misc feature
LOCATION: (1)-(22)
OTHER INFORMATION: Synthetic primer
US-10-083-246A-16

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3160 TCACCAGCCAGCAGCCCA 3177
DB 18 TCACCAGCCAGCAGCCCA 1

RESULT 886
US-10-345-092-60/c
Sequence 60, Application US/10345092
Publication No. US20030165506A1
GENERAL INFORMATION:
APPLICANT: Vliams, Interuniversitair Instituut voor Biotechnol
TITLE OF INVENTION: No. US20030165506A1el alpha-catenin expressed in heart and testis
FILE REFERENCE: FVR/atc/V067
CURRENT APPLICATION NUMBER: US/10/345, 092
CURRENT FILING DATE: 2003-01-13
PRIOR APPLICATION NUMBER: 00202472.7
PRIOR FILING DATE: 2000-07-12
PRIOR APPLICATION NUMBER: US 60/219, 309
PRIOR FILING DATE: 2000-07-14
NUMBER OF SEQ ID NOS: 134
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 60
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: lower primer
US-10-345-092-60

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 3693 CTCACCAAGCCCGAG 3710
DB 20 CTCACCAAGCCCGAG 3

RESULT 887
US-10-096-578-83/c
Sequence 83, Application US/10096578
Publication No. US20030165874A1
GENERAL INFORMATION:
APPLICANT: Leppert, Mark F.
APPLICANT: Singh, Nanda
TITLE OF INVENTION: KCNQ2 AND KCNQ3 - POTASSIUM CHANNEL GENES WHICH ARE
TITLE OF INVENTION: MUTATED IN BENIGN FAMILIAL NEONATAL CONVULSIONS (BNKC)
FILE REFERENCE: 2323-160
CURRENT APPLICATION NUMBER: US/10/096, 578
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: US 09/177, 650
PRIOR FILING DATE: 1998-10-23
PRIOR APPLICATION NUMBER: US 60/063, 147
PRIOR FILING DATE: 1997-10-24
NUMBER OF SEQ ID NOS: 129
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 83
LENGTH: 22
TYPE: DNA
ORGANISM: Homo sapiens

US-10-096-578-83

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4083 CCGAGTGCCTGACT 4100
DB 21 CCGAGTGCCTGACT 4

RESULT 888
US-10-115-718A-3/c
Sequence 3, Application US/10115718A
Publication No. US20030171271A1
GENERAL INFORMATION:
APPLICANT: Baciu, Peter C.
APPLICANT: Zhang, Heying
APPLICANT: Manuel, Verna M.
TITLE OF INVENTION: METHODS OF SCREENING AND USING
TITLE OF INVENTION: INHIBITORS OF ANGIOGENESIS
FILE REFERENCE: 17430 (AP)
CURRENT APPLICATION NUMBER: US/10/115, 718A
CURRENT FILING DATE: 2002-03-04
PRIOR APPLICATION NUMBER: 60/281, 512
PRIOR FILING DATE: 2001-04-04
NUMBER OF SEQ ID NOS: 16
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 3
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
US-10-115-718A-3

Query Match 0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4866 GCCAAGCCTGTGCAG 4883
DB 21 GCCAAGCCTGTGCAG 4

RESULT 889
US-10-372-696-40/c
Sequence 40, Application US/10372696
Publication No. US20030175780A1
GENERAL INFORMATION:
APPLICANT: Jones, Douglas H.
TITLE OF INVENTION: An Iterative and Regenerative DNA
Sequencing Method
NUMBER OF SEQUENCES: 41
CORRESPONDENCE ADDRESS:
ADDRESSEE: LAHIVE & COCKFIELD, LLP
CITY: Boston
STATE: Massachusetts
COUNTRY: USA
ZIP: 02109-1875
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/372, 696
FILING DATE: 24-Feb-2003
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/742, 755A
FILING DATE: 01-NOV-1996

```
ATTORNEY/AGENT INFORMATION:
; NAME: Hanley, Elizabeth A.
; REGISTRATION NUMBER: 33,505
; REFERENCE/DOCKET NUMBER: UIZ-022
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617)227-7400
; TELEFAX: (617)742-4214
; INFORMATION FOR SEQ ID NO: 40:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 40:
US-10-372-696-40

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1039 CAGAGAGCATCTTAAG 1056
DB      22 CAGAGAGCATCTTACG 5

RESULT 890
US-10-032-585-4627
; Sequence 4627, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4627
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4627

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5054 ATAGTCAGCCTTTCTT 5071
DB      3 ATATGCGAGCCTTTCCT 20

RESULT 891
US-10-092-900A-535/C
; Sequence 535, Application US/10092900A
; Publication No. US2004004382A1
; GENERAL INFORMATION:
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Spytek, Kimberly A.
; APPLICANT: Shenoy, Suresh G.
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Li, Li
; APPLICANT: Zerhusen, Bryan D.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Uli, Weizhen
; APPLICANT: Gorman, Linda
; APPLICANT: Miller, Charles E.
; APPLICANT: Kekuda, Rameesh
```

```
APPLICANT: Patnirajan, Meera
; APPLICANT: Gangolli, Esha A.
; APPLICANT: Verneq, Corine A.M.
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Tchernev, Velizar T.
; APPLICANT: Fernandes, Elma R.
; APPLICANT: Casman, Stacie J.
; APPLICANT: Malynkar, Uriel M.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Liu, Yi
; APPLICANT: Anderson, David W.
; APPLICANT: Spaderna, Steven K.
; APPLICANT: Catterton, Elina
; APPLICANT: Leite, Mario W.
; APPLICANT: Zhong, Haihong
; APPLICANT: Alsobrook, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: No. US2004004382A1el Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-290C
; CURRENT APPLICATION NUMBER: US/10/092,900A
; CURRENT FILING DATE: 2002-03-07
; PRIOR APPLICATION NUMBER: USSN 60/274,322
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/283,675
; PRIOR FILING DATE: 2001-04-13
; PRIOR APPLICATION NUMBER: USSN 60/338,092
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: USSN 60/274,281
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/274,191
; PRIOR FILING DATE: 2001-03-08
; PRIOR APPLICATION NUMBER: USSN 60/325,681
; PRIOR FILING DATE: 2001-09-27
; PRIOR APPLICATION NUMBER: USSN 60/304,354
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: USSN 60/279,995
; PRIOR FILING DATE: 2001-03-30
; PRIOR APPLICATION NUMBER: USSN 60/294,899
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: USSN 60/287,424
; PRIOR FILING DATE: 2001-04-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 768
; SEQ ID NO 535
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-092-900A-535

Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      1095 TCTGATTTGTGAAGCA 1112
DB      18 TCAGCATTTGTGAAGCA 1

RESULT 892
US-10-236-417-338
; Sequence 338, Application US/10236417
; Publication No. US20040048256A1
; GENERAL INFORMATION:
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442C
; CURRENT APPLICATION NUMBER: US/10/236,417
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US60/318,120
```

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; PRIOR FILING DATE: 2001-09-01
; PRIOR APPLICATION NUMBER: US60/318,430
; PRIOR FILING DATE: 2001-09-10
; PRIOR APPLICATION NUMBER: US60/322,781
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/318,184
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/361,663
; PRIOR FILING DATE: 2002-03-05
; PRIOR APPLICATION NUMBER: US60/396,412
; PRIOR FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: US60/322,636
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,817
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/322,816
; PRIOR FILING DATE: 2001-09-17
; PRIOR APPLICATION NUMBER: US60/323,519
; PRIOR FILING DATE: 2001-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 341
; SOFTWARE: Custom
; SEQ ID NO 338
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-336-417-338
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      3092 GGAGAGCTCTATGACTT 3109
Db      5 GGAGAGATCTATGACTT 22
```

```
RESULT 893
US-10-307-817-464/c
; Sequence 464, Application US/10307817
; Publication No. US20040058338A1
; GENERAL INFORMATION:
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-502C
; CURRENT APPLICATION NUMBER: US/10/307,817
; CURRENT FILING DATE: 2002-12-02
; NUMBER OF SEQ ID NOS: 682
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 464
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-307-817-464
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2750 ATTCTACCTGGAGTTCCA 2767
Db      22 ATTCTCTAGATTCCA 5
```

```
RESULT 894
US-10-307-817-607/c
; Sequence 607, Application US/10307817
; Publication No. US20040058338A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Agee et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-502C
; CURRENT APPLICATION NUMBER: US/10/307,817
; CURRENT FILING DATE: 2002-12-02
; NUMBER OF SEQ ID NOS: 682
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 607
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-307-817-607
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      2750 ATTCTACCTGGAGTTCCA 2767
Db      22 ATTCTCTAGATTCCA 5
```

```
RESULT 895
US-10-697-487-3/c
; Sequence 3, Application US/10697487
; Publication No. US20040126825A1
; GENERAL INFORMATION:
; APPLICANT: Bacifu, Peter C.
; APPLICANT: Zhang, Heying
; APPLICANT: Manuel, Verna M.
; TITLE OF INVENTION: METHODS OF SCREENING AND USING
; TITLE OF INVENTION: INHIBITORS OF ANGIOGENESIS
; FILE REFERENCE: 17430 (AP)
; CURRENT APPLICATION NUMBER: US/10/697,487
; CURRENT FILING DATE: 2003-10-29
; PRIOR APPLICATION NUMBER: US/10/115,718A
; PRIOR FILING DATE: 2002-03-04
; PRIOR APPLICATION NUMBER: 60/281,512
; PRIOR FILING DATE: 2001-04-04
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-10-697-487-3
```

```
Query Match      0.3%; Score 14.8; DB 1; Length 22;
Best Local Similarity 88.9%; Pred. No. 8.7e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
```

```
QY      4866 GCCAGGCCCTGTCACG 4883
Db      21 GCAAGGCGATGTCCAGG 4
```

```
RESULT 896
US-08-979-847-50
; Sequence 50, Application US/08979847
; Publication No. US20030039664A1
; GENERAL INFORMATION:
; APPLICANT: PERRON, HERVE
; APPLICANT: BESEME, FREDERIC
; APPLICANT: BEDIN, FREDERIC
; APPLICANT: PARANHOS-BACCALA, GLAUCIA
; APPLICANT: KOMURIAN-PRADEL, FLORENCE
; APPLICANT: JOLIVIER-REYNAUD, COLETTE
; APPLICANT: MANDRAND, BERNARD
; APPLICANT: GARSON, JEREMY
```

```

; APPLICANT: TUNE, PHILIP
; TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
; TITLE OF INVENTION: ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHYLACT
; TITLE OF INVENTION: THERAPEUTIC PURPOSES
; NUMBER OF SEQUENCES: 210
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OLIVIER BERRIDGE, PLC
; STREET: P.O. BOX 19928
; CITY: ALEXANDRIA
; STATE: VA
; COUNTRY: USA
; ZIP: 22320
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/979,847
; FILING DATE: 26-NOV-1997
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: BERRIDGE, WILLIAM P.
; REGISTRATION NUMBER: 30,024
; REFERENCE/DOCKET NUMBER: MPB 39046A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 50:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; US-08-979-847-50

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3581 CCTGAGTTCCTCCCTGAGCC 3601
DB      1 CCTGAGTTCCTGCACTACCC 21

RESULT 897
US-09-825-886-6
; Sequence 6, Application US/09825886
; Publication No. US2002076693A1
; GENERAL INFORMATION:
; APPLICANT: Hovanesian, Ara
; APPLICANT: Callebaert, Christian
; APPLICANT: Kruse, Bernard
; APPLICANT: Jacotot, Etienne
; APPLICANT: Muller, Sylviane
; APPLICANT: Briand, Jean-Paul
; APPLICANT: Guichard, Giles
; TITLE OF INVENTION: A NOVEL CELL SURFACE RECEPTOR FOR HIV RETROVIRUSES,
; TITLE OF INVENTION: THERAPEUTIC AND DIAGNOSTIC USES.
; FILE REFERENCE: 03495.0166-01000
; CURRENT APPLICATION NUMBER: US/09/825,886
; CURRENT FILING DATE: 2001-07-26
; PRIOR APPLICATION NUMBER: 09/393,302
; PRIOR FILING DATE: 1999-09-10
; PRIOR APPLICATION NUMBER: PCT/EP98/01409
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/040,969
; PRIOR FILING DATE: 1997-03-12
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 6
; LENGTH: 21
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```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; US-09-825-886-6

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3918 CCGACGCGCGCGCGCGCTG 3938
DB      1 CCGCGCGCGCGCGCGCTCTG 21

RESULT 898
US-09-835-232-14
; Sequence 14, Application US/09835232
; Patent No. US2002098489A1
; GENERAL INFORMATION:
; APPLICANT: Leder, Philip
; APPLICANT: Leder, Benjamin
; TITLE OF INVENTION: FORMIN-2 NUCLEIC ACIDS AND POLYPEPTIDES
; TITLE OF INVENTION: AND USES THEREOF
; FILE REFERENCE: 00383/052002
; CURRENT APPLICATION NUMBER: US/09/835,232
; CURRENT FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: US 60/196,811
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: PasteSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Mus musculus
; US-09-835-232-14

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      114 GTCTCAGAGCGCGTCATTC 134
DB      1 GTCTCAGAGCGCGTCATTC 21

RESULT 899
US-09-774-414-17
; Sequence 17, Application US/09774414
; Patent No. US20020102231A1
; GENERAL INFORMATION:
; APPLICANT: The Institute of Physical and Chemical Research
; TITLE OF INVENTION: Endonuclease
; FILE REFERENCE: PH-651
; CURRENT APPLICATION NUMBER: US/09/774,414
; CURRENT FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 09/306,970
; PRIOR FILING DATE: 1999-05-07
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 17
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
; US-09-774-414-17

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
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Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4414 ATAAATATATATATATATA 4434

Db 1 ATAAATATATATATATATATA 21

RESULT 900

US-09-944-411-26

; Sequence 26, Application US/09944411

; Patent No. US20020106799A1

; GENERAL INFORMATION:

; APPLICANT: FINER, MITCHELL H.

; DULL, THOMAS J.

; ZSEBO, KRISZTINA M.

; COOKE, KEEGAN

; PARSON, DEBORAH A.

; TITLE OF INVENTION: METHOD FOR PRODUCTION OF HIGH TITER

; OF MAMMALIAN CELLS

; NUMBER OF SEQUENCES: 48

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: CELL GENESYS, INC.

; STREET: 322 LAKESIDE DRIVE

; CITY: FOSTER CITY

; STATE: CALIFORNIA

; COUNTRY: USA

; ZIP: 94404

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; FILING DATE: 04-Sep-2001

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: 08/914,893

; FILING DATE: <Unknown>

; APPLICATION NUMBER: US 08/258,152

; FILING DATE: 10-JUN-1994

; APPLICATION NUMBER: US 08/076,299

; FILING DATE: 11-JUN-1993

; ATTORNEY/AGENT INFORMATION:

; NAME: KRUPEN, KAREN I.

; REGISTRATION NUMBER: 34,647

; REFERENCE/DOCKET NUMBER: CELL 13.3

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: 415-358-9600 X131

; TELEFAX: 415-349-7392

; INFORMATION FOR SEQ ID NO: 26:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; SEQUENCE DESCRIPTION: SEQ ID NO: 26:

US-09-944-411-26

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 8.8e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 264 CCCCCCTCTCTCTCTCTC 284

Db 1 CCAACCTCAGCTCTCTCTC 21

RESULT 901

US-09-759-352-24

; Sequence 24, Application US/09759352

; Patent No. US2002011474A1

; GENERAL INFORMATION:

; APPLICANT: CAPON, DANIEL J

; WEISS, ARTHUR

; IRVING, BRYAN A

; ROBERTS, MARCO R

; ZSEBO, KRISZTINA

; TITLE OF INVENTION: CHIMERIC CHAINS FOR RECEPTOR-ASSOCIATED

; SIGNAL TRANSDUCTION PATHWAYS

; NUMBER OF SEQUENCES: 51

; CORRESPONDENCE ADDRESS:

; ADDRESSEE: CELL GENESYS, INC.

; STREET: 322 LAKESIDE DRIVE

; CITY: FOSTER CITY

; STATE: CALIFORNIA

; COUNTRY: USA

; ZIP: 94404

; COMPUTER READABLE FORM:

; MEDIUM TYPE: Floppy disk

; OPERATING SYSTEM: PC-DOS/MS-DOS

; SOFTWARE: Patentin Release #1.0, Version #1.25

; CURRENT APPLICATION DATA:

; APPLICATION NUMBER: US/09/759,352

; FILING DATE: 16-Jan-2001

; CLASSIFICATION: <Unknown>

; PRIOR APPLICATION DATA:

; APPLICATION NUMBER: US 08/567,393

; FILING DATE: 01-DEC-1995

; APPLICATION NUMBER: US 08/475,442

; FILING DATE: 07-JUN-1995

; APPLICATION NUMBER: US 08/238,405

; FILING DATE: 05-MAY-1994

; APPLICATION NUMBER: US 07/988,194

; FILING DATE: 09-DEC-1992

; APPLICATION NUMBER: US 07/627,643

; FILING DATE: 13-DEC-1990

; APPLICATION NUMBER: WO PCT/US91/09421

; FILING DATE: 12-DEC-1991

; ATTORNEY/AGENT INFORMATION:

; NAME: KRUPEN, KAREN I

; REGISTRATION NUMBER: 34,647

; REFERENCE/DOCKET NUMBER: CELL 5.13

; TELECOMMUNICATION INFORMATION:

; TELEPHONE: (415)358-9600 X131

; TELEFAX: (415)349-7392

; INFORMATION FOR SEQ ID NO: 24:

; SEQUENCE CHARACTERISTICS:

; LENGTH: 21 base pairs

; TYPE: nucleic acid

; STRANDEDNESS: single

; TOPOLOGY: linear

; MOLECULE TYPE: DNA (genomic)

; SEQUENCE DESCRIPTION: SEQ ID NO: 24:

US-09-759-352-24

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 8.8e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 264 CCCCCCTCTCTCTCTCTC 284

Db 1 CCAACCTCAGCTCTCTCTC 21

US-09-771-009-12/C

; Sequence 12, Application US/09771009

; Patent No. US20020157131A1

; GENERAL INFORMATION:

; APPLICANT: HOLZBERG, STEVEN P.

; APPLICANT: POGUE, GREGORY P.

; TITLE OF INVENTION: CYTOPLASMIC INHIBITION OF GENE

```

; TITLE OF INVENTION: EXPRESSION AND EXPRESSION OF A FOREIGN PROTEIN IN A MONOCOT
; FILE REFERENCE: 0801017200US00
; CURRENT APPLICATION NUMBER: US/09/771,009
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 12
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Barley stripe mosaic virus
US-09-771-009-12

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2805 GGAGAAATGAGAGAGAGT 2825
DB      21 GGAGAAATTCAGAGAGTACT 1

RESULT 903
US-09-898-659-9/c
; Sequence 9, Application US/09898659
; Publication No. US20030024013A1
; GENERAL INFORMATION:
; APPLICANT: Tanksley, Steven D.
; TITLE OF INVENTION: GENE CONTROLLING FRUIT SIZE AND CELL DIVISION IN
; FILE REFERENCE: 19603/3211
; CURRENT APPLICATION NUMBER: US/09/898,659
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: 60/215,824
; NUMBER OF SEQ ID NOS: 39
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 9
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: GSPI Primer
US-09-898-659-9

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      3222 TCCAGCATCAGTGAATCATC 3242
DB      21 TCCAGATCATGTAATCATC 1

RESULT 904
US-09-981-803-25/c
; Sequence 25, Application US/09981803
; Publication No. US20030032092A1
; GENERAL INFORMATION:
; APPLICANT: Joel CROUZET
; APPLICANT: Daniel SCHERMAN
; APPLICANT: Beatrice CAMERON
; APPLICANT: Pierre WILS
; APPLICANT: Anne-Marie DARQUET
; TITLE OF INVENTION: DNA MOLECULES, PREPARATION AND USE IN GENE THERAPY
; FILE REFERENCE: MINICIRCLE
; CURRENT APPLICATION NUMBER: US/09/981,803
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
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```

; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of the artificial sequence:
; OTHER INFORMATION: oligonucleotide
US-09-981-803-25

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2800 AGGAGAGAGAAATGAGAGG 2820
DB      21 AAGAGAGAGAGAGAGAGAG 1

RESULT 905
US-09-896-908-3/c
; Sequence 3, Application US/09896908
; Publication No. US20030040029A1
; GENERAL INFORMATION:
; APPLICANT: The Research Foundation of State University of New York
; TITLE OF INVENTION: Detection of Tumor Marker Transcript and Protein Recognized by Nai
; FILE REFERENCE: Docket 178-228 CIP II
; CURRENT APPLICATION NUMBER: US/09/896,908
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: US 09/423,585
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: EC4 primer
US-09-896-908-3

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      504 ACCGCCACCATGTCCTCTGC 524
DB      21 ACGTCCCATGTCCTCTGC 1

RESULT 906
US-09-923-327-150/c
; Sequence 150, Application US/09923327
; Publication No. US20030096236A1
; GENERAL INFORMATION:
; APPLICANT: MURPHY, Patricia D.
; TITLE OF INVENTION: Determining Common Functional Alleles in a Population and Uses Th
; FILE REFERENCE: 044921-5054-02
; CURRENT APPLICATION NUMBER: US/09/923,327
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: US 08/598,591
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: US 08/798,691
; PRIOR FILING DATE: 1997-02-12
; PRIOR APPLICATION NUMBER: US 08/905,772
; PRIOR FILING DATE: 1997-08-04
; PRIOR APPLICATION NUMBER: US 09/084,471
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: US 09/129,134
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: US 09/524,794
; PRIOR FILING DATE: 2000-03-14
; NUMBER OF SEQ ID NOS: 260
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 150
; LENGTH: 21
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-923-327-150

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4798 TTGAAGACAGACGAATCAG 4818
Db      21 TTAGAGATCATCAGAGACTCAG 1

RESULT 907
US-09-896-692B-3
; Sequence 3, Application US/09896692B
; Publication No. US20030100521A1
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; TITLE OF INVENTION: No. US20030100521A1el HIV-Specific Synthetic Oligonucleotides and
; FILE REFERENCE: 47508.556 (HYZ-069)
; CURRENT APPLICATION NUMBER: US/09/896,692B
; PRIOR FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: US 08/914,827
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA/RNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: synthetic modified antisense oligonucleotide
US-09-896-692B-3

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 66.7%; Pred. No. 8.8e+02;
Matches 14; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      263 CCCCCCTCTCTCTCTTCT 283
Db      1 CGCACCCATCTCTCTTCUUCU 21

RESULT 908
US-09-896-692B-4
; Sequence 4, Application US/09896692B
; Publication No. US20030100521A1
; GENERAL INFORMATION:
; APPLICANT: Agrawal, Sudhir
; TITLE OF INVENTION: No. US20030100521A1el HIV-Specific Synthetic Oligonucleotides and
; FILE REFERENCE: 47508.556 (HYZ-069)
; CURRENT APPLICATION NUMBER: US/09/896,692B
; PRIOR FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: US 08/914,827
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic modified antisense oligonucleotide
US-09-896-692B-4

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      263 CCCCCCTCTCTCTTCT 283
```

```
Db      1 CGCACCCATCTCTCTCTCT 21

RESULT 909
US-09-963-827B-62/c
; Sequence 62, Application US/09963827B
; Publication No. US20030175703A1
; GENERAL INFORMATION:
; APPLICANT: Duke University
; APPLICANT: Rusconi, Christopher
; TITLE OF INVENTION: RNA APTAMERS AND METHODS FOR IDENTIFYING THE SAME
; FILE REFERENCE: 180/124/2
; CURRENT APPLICATION NUMBER: US/09/963,827B
; PRIOR FILING DATE: 2001-09-26
; PRIOR APPLICATION NUMBER: 60/235,654
; PRIOR FILING DATE: 2000-09-26
; NUMBER OF SEQ ID NOS: 227
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 62
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: RNA aptamer
; NAME/KEY: misc_feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: RNA aptamer
US-09-963-827B-62

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      270 CTCTCTCTCTCTCTCTCTC 290
Db      21 CCTCCTCTCTCTCTCTCTCC 1

RESULT 910
US-09-754-106-19/c
; Sequence 19, Application US/09754106
; Publication No. US20030224355A1
; GENERAL INFORMATION:
; APPLICANT: Bell, Graeme I.
; APPLICANT: Yamagata, Kazuya
; APPLICANT: Oda, Naobisha
; APPLICANT: Kaisaki, Pamela J.
; APPLICANT: Furuta, Hiroto
; APPLICANT: Horikawa, Yukio
; TITLE OF INVENTION: MUTATIONS IN THE DIABETES SUSCEPTIBILITY
; TITLE OF INVENTION: GENES HEPATOCYTE NUCLEAR FACTOR (HNF) 1 ALPHA, HNF-1BETA
; NUMBER OF SEQUENCES: 147
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Arnold, White & Durkee
; STREET: P.O. Box 4433
; CITY: Houston
; STATE: Texas
; COUNTRY: USA
; ZIP: 77210
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: PatentIn Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; FILING DATE: US/09/754,106
; CLASSIFICATION:
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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/927,219
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/028,056
; FILING DATE: 02-OCT-1996
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 60/025,719
; FILING DATE: 10-SEP-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wilson, Mark B.
; REGISTRATION NUMBER: 37,259
; REFERENCE/DOCKET NUMBER: ARCD:272
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 512/418-3000
; TELEFAX: 512/474-7577
; INFORMATION FOR SEQ ID NO: 19:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-754-106-19
```

```
Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2221 GTCCCTTAACATCACTACACC 2241
DB      21  GTCCCATGTGACAGACGTACACC 1
```

```
RESULT 911
US-09-837-306-111
; Sequence 111, Application US/09837306
; Publication No. US20040029113A1
; GENERAL INFORMATION:
; APPLICANT: LADNER, ROBERT C.
; APPLICANT: COHEN, EDWARD H.
; APPLICANT: NASTRI, HORACIO G.
; APPLICANT: ROOKEY, KRISTIN L.
; APPLICANT: HOET, RENE
; TITLE OF INVENTION: NOVEL METHODS OF CONSTRUCTING LIBRARIES OF GENETIC
; TITLE OF INVENTION: PACKAGES THAT COLLECTIVELY DISPLAY THE MEMBERS OF A
; FILE REFERENCE: DYAK/002
; CURRENT APPLICATION NUMBER: US/09/837,306
; CURRENT FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: 60/198,069
; PRIOR FILING DATE: 2000-04-17
; NUMBER OF SEQ ID NOS: 428
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 111
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-837-306-111
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```
Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY      1036 TTCAGAGAGACATCTTAAG 1056
DB      1  TTGCAGATGACAGCTTAAG 21
```

```
RESULT 912
US-09-941-398-3
```

```

; Sequence 3, Application US/09941398
; Publication No. US20040086494A1
; GENERAL INFORMATION:
; APPLICANT: John, Constance M.
; TITLE OF INVENTION: IMMUNE PRIVILEGED CELLS FOR DELIVERY OF PROTEINS AND PEPTIDES
; FILE REFERENCE: 3157.00006
; CURRENT APPLICATION NUMBER: US/09/941,398
; CURRENT FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: 09/131,501
; PRIOR FILING DATE: 1998-08-09
; PRIOR APPLICATION NUMBER: 08/726,531
; PRIOR FILING DATE: 1996-10-07
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
; NAME/KEY: misc.feature
; LOCATION: (1)..(21)
; OTHER INFORMATION: primer
US-09-941-398-3
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```
Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY      4162 GCTCCTCTGCTGCCAGCTTCT 4182
DB      1  GCTCTTCAGCCTCTCTCT 21
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```
RESULT 913
US-10-128-870-16/c
; Sequence 16, Application US/10128870
; Publication No. US20020168724A1
; GENERAL INFORMATION:
; APPLICANT: Blamar, Michael A.
; APPLICANT: Dworetzky, Steven
; APPLICANT: Grubkoff, Valentin K.
; APPLICANT: Levesque, Paul C.
; APPLICANT: Little, Wayne A.
; APPLICANT: Neubaier, Michael G.
; APPLICANT: Yang, Wen-Pin
; TITLE OF INVENTION: KClO4 POTASSIUM CHANNELS AND METHODS OF MODULATING SAME
; FILE REFERENCE: DCS8ADIV
; CURRENT APPLICATION NUMBER: US/10/128,870
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 09/105,058
; PRIOR FILING DATE: June 26, 1998
; PRIOR APPLICATION NUMBER: 60/055,599
; PRIOR FILING DATE: August 12, 1997
; NUMBER OF SEQ ID NOS: 28
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 16
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse
; OTHER INFORMATION: primer from EST sequence similar to the KvLOT gene
US-10-128-870-16
```

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Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      2614 GCCCTGCTCTTGGCACATTTG 2634
DB      21  GCACGCTTTGGCACATCTG 1
```

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Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.9e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY          4751 ATGCGTAGCCTGAGACAGG 4771
              ||| | | | | | | | | |
Db           1 ATGCCATGCCTGAGAGGAGG 21

RESULT 917
US-10-005-956-468/c
; Sequence 468, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
;   APPLICANT: Bristol-Myers Squibb Company
;   TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
;   FILE REFERENCE: P0053NP
;   CURRENT APPLICATION NUMBER: US/10/005,956
;   CURRENT FILING DATE: 2001-12-03

```

```
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 458
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-468

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      266 CCCCCTCTCTCTCTCTCTC 286
Db      21 CCCCCTCTCTCTCTCTCTTC 1

RESULT 918
US-10-005-956-743
; Sequence 743, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 743
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-743

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2365 AGCTGCTCAGAGAGAGG 2385
Db      1 AGATCCAGACAGAGAGG 21

RESULT 919
US-10-005-956-744
; Sequence 744, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
```

```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 744
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-744

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2365 AGCTGCTCAGAGAGAGG 2385
Db      1 AGATCCAGACAGAGAGG 21

RESULT 920
US-10-005-956-749
; Sequence 749, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 749
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-749

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2365 AGCTGCTCAGAGAGAGG 2385
Db      1 AGATCCAGACAGAGAGG 21

RESULT 921
US-10-005-956-750
; Sequence 750, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 750
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-750
```

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2365 AGCTGCTCAGACGAGGAGG 2385
DB 1 AGATCCAGACGAGGAGG 21

RESULT 922
US-10-255-434-25/c
; Sequence 25, Application US/10255434
; Publication No. US20030129626A1
; GENERAL INFORMATION:
; APPLICANT: Nielsen, Kirsten V.
; APPLICANT: Hyldig-Nielsen, Jens J.
; APPLICANT: Williams, Brett F.
; TITLE OF INVENTION: Methods, Kits And Compositions Pertaining To The
; TITLE OF INVENTION: Suppression Of Detectable Probe Binding To Randomly
; TITLE OF INVENTION: Distributed Repeat Sequences In Genomic Nucleic Acid
; FILE REFERENCE: BP0101-US
; CURRENT APPLICATION NUMBER: US/10/255,434
; CURRENT FILING DATE: 2002-09-24
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 25
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Combined DNA/RNA Molecule:Synthetic
; OTHER INFORMATION: Oligomer Sequence
; OTHER INFORMATION: Description of Artificial Sequence:Synthetic Probe
US-10-255-434-25

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4999 TGCTCTCCAGCCTGCTGCCA 5019
DB 21 TGCACTCCAGCCTGCGGACA 1

RESULT 923
US-10-020-478-4
; Sequence 4, Application US/10020478
; Publication No. US20030144224A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF B-CELL ASSOCIATED PROTEIN EXPRESSION
; FILE REFERENCE: RFS-0303
; CURRENT APPLICATION NUMBER: US/10/020,478
; CURRENT FILING DATE: 2001-12-13
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-020-478-4

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 523 GCTGGAACATGCGACATCA 543
DB 1 GCAAGAACCTCGCTACATCA 21

RESULT 924
US-10-184-085A-15/c
; Sequence 15, Application US/10184085A
; Publication No. US20030152950A1
; GENERAL INFORMATION:
; APPLICANT: Garner, Harold R.
; APPLICANT: Minna, John D.
; APPLICANT: Luebke, Kevin, J.
; APPLICANT: Balog, Robert P.
; TITLE OF INVENTION: Identification of Chemically Modified Polymers
; FILE REFERENCE: 119929-1035
; CURRENT APPLICATION NUMBER: US/10/184,085A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: US 60/301,370
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 1291
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-184-085A-15

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4579 GTGTGTTGAGGGGTGAAG 4599
DB 21 GTGAGTTAGGAGGGGTGGAG 1

RESULT 925
US-10-218-969-80/c
; Sequence 80, Application US/10218969
; Publication No. US20030155916A1
; GENERAL INFORMATION:
; APPLICANT: Sealton, Stuart
; APPLICANT: Yuen, Tony
; APPLICANT: Wurmback, Elisa
; TITLE OF INVENTION: Use of Intrinsic Reporters of Cell Signaling For High Content Dr
; TITLE OF INVENTION: Profiling and Toxicity Screening
; FILE REFERENCE: 2459-1-007N
; CURRENT APPLICATION NUMBER: US/10/218,969
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: US 60/312,220
; PRIOR FILING DATE: 2001-08-14
; PRIOR APPLICATION NUMBER: US 60/324,895
; PRIOR FILING DATE: 2001-09-26
; NUMBER OF SEQ ID NOS: 120
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 80
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-218-969-80

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2820 GGAAGTGAGGGGAGCTGGTG 2840
DB 21 GGAAGTGAGGTGATCTGGTG 1

RESULT 926
US-10-308-485-14
; Sequence 14, Application US/10308485
; Publication No. US20030170683A1
; GENERAL INFORMATION:

```

; APPLICANT: Leder, Philip
; APPLICANT: Leader, Benjamin
; TITLE OF INVENTION: FORMIN-2 NUCLEIC ACIDS AND POLYPEPTIDES
; FILE REFERENCE: 00383/052002
; CURRENT APPLICATION NUMBER: US/10/308,485
; CURRENT FILING DATE: 2002-12-03
; PRIOR APPLICATION NUMBER: US/09/835,232
; PRIOR FILING DATE: 2001-04-12
; PRIOR APPLICATION NUMBER: US 60/196,811
; PRIOR FILING DATE: 2000-04-13
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 14
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Mus musculus
US-10-308-485-14

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      114 GTCTCCAGAGCCGCTATTCC 134
DB      1 GTCTGCAGAGGCTGTCAATCC 21

RESULT 927
US-10-369-378-44
; Sequence 44; Application US/10369378
; Publication No. US20030170859A1
; GENERAL INFORMATION:
; APPLICANT: Christenson, Erik
; APPLICANT: Demaggio, Anthony J
; APPLICANT: Goldman, Phyllis S
; APPLICANT: McElligott, David L
; TITLE OF INVENTION: Human Poly(ADP-Ribose) Polymerase 2 Materials and
; FILE REFERENCE: 27866/36544
; CURRENT APPLICATION NUMBER: US/10/369,378
; CURRENT FILING DATE: 2003-02-19
; PRIOR APPLICATION NUMBER: US/09/596,248D
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: 60/139,543
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 44
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-369-378-44

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2892 GAGTACTCTGCTAGACCGCAGC 2912
DB      1 GAGCACCCCTCGAGCAGCAGC 21

RESULT 928
US-10-275-071-26/c
; Sequence 26; Application US/10275071
; Publication No. US20030186268A1
; GENERAL INFORMATION:
; APPLICANT: Crouzet, Joel
```

```

; APPLICANT: Scherman, Daniel
; APPLICANT: Wils, Pierre
; APPLICANT: Cameron, Beatrice
; APPLICANT: Blanche, Francis
; TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
; FILE REFERENCE: 08888.0138-02
; CURRENT APPLICATION NUMBER: US/10/275,071
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 09/580,923
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 08/860,038
; PRIOR FILING DATE: 1997-06-09
; PRIOR APPLICATION NUMBER: PCT/FR95/01468
; PRIOR FILING DATE: 1995-11-08
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-10-275-071-36

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2802 AGGAGAGAAATGAAGAGAG 2820
DB      21 AGAGAGAGAGAGAGAGAG 1

RESULT 929
US-10-275-071-36
; Sequence 36; Application US/10275071
; Publication No. US20030186268A1
; GENERAL INFORMATION:
; APPLICANT: Crouzet, Joel
; APPLICANT: Scherman, Daniel
; APPLICANT: Wils, Pierre
; APPLICANT: Cameron, Beatrice
; APPLICANT: Blanche, Francis
; TITLE OF INVENTION: PURIFICATION OF A TRIPLE HELIX FORMATION WITH AN
; FILE REFERENCE: 08888.0138-02
; CURRENT APPLICATION NUMBER: US/10/275,071
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: 09/580,923
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: 08/860,038
; PRIOR FILING DATE: 1997-06-09
; PRIOR APPLICATION NUMBER: PCT/FR95/01468
; PRIOR FILING DATE: 1995-11-08
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 36
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
; OTHER INFORMATION: oligonucleotide
US-10-275-071-26

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2802 AGGAGAGAAATGAAGAGAG 2822
DB      21 AGGAGAGAGAGAGAGAGAG 1
```

Db 1 GAAGAGAGAGAGAGAGAA 21

RESULT 930
US-10-430-442-54
; Sequence 54, Application US/10430442
; Publication No. US20030186391A1
; GENERAL INFORMATION:
; APPLICANT: HERVE PERRON
; FREDERIC BESEME
; FREDERIC BEDIN
; GLAUCIA PARANHOS-BACCALA
; FLORENCE KOMURIAN-PRADEL
; COLETTE JOLIVET
; BERNARD MANDRAND
; TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
; ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHY
; THERAPEUTIC PURPOSES
; NUMBER OF SEQUENCES: 92
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OLIFF & BERRIDGE
; STREET: 700 South Washington Street, Suite 300
; CITY: Alexandria
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22314
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.30
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/430.442
; FILING DATE: 07-May-2003
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/08/691.563
; FILING DATE: 02-AUG-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Berridge, William P.
; REGISTRATION NUMBER: 30.024
; REFERENCE/DOCKET NUMBER: WPB 38588
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 703-836-6400
; TELEFAX: 703-836-2787
; INFORMATION FOR SEQ ID NO: 54:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 21 base pairs
; TYPE: nucleotide
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: cDNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 54:
US-10-430-442-54

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3581 CCGAGTTCCTTCCTTAAGCC 3601
Db 1 CCGAGTTCCTTCGACTAACC 21

RESULT 931
US-10-091-281-295
; Sequence 295, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: ST. ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338

; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 295
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative MINI/MUSCLE_INT.03 motif
US-10-091-281-295

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3905 GACCCCGCCGACCCGAGCC 3925
Db 1 GGCACCCCGCCGACCCGACCC 21

RESULT 932
US-10-091-281-296/c
; Sequence 296, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: ST. ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 296
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative REBV/EBV.01 motif
US-10-091-281-296

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3905 GACCCCGCCGACCCGAGCC 3925
Db 21 GGCACCCCGCCGACCCGACCC 1

RESULT 933
US-10-114-104-50
; Sequence 50, Application US/10114104
; Publication No. US20030198647A1
; GENERAL INFORMATION:
; APPLICANT: PERRON, HERVE
; BESEME, FREDERIC
; BEDIN, FREDERIC
; PARANHOS-BACCALA, GLAUCIA
; KOMURIAN-PRADEL, FLORENCE
; JOLIVET-BERNARD, COLETTE
; MANDRAND, BERNARD
; GARSON, JEREMY
; TUKE, PHILIP
; TITLE OF INVENTION: VIRAL MATERIAL AND NUCLEOTIDE FRAGMENTS
; ASSOCIATED WITH MULTIPLE SCLEROSIS, FOR DIAGNOSTIC, PROPHY
; THERAPEUTIC PURPOSES
; NUMBER OF SEQUENCES: 210
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OLIFF & BERRIDGE, PLC
; STREET: P.O. BOX 19928


```
RESULT 936
US-10-316-194-104/c
; Sequence 104, Application US/10316194
; Publication No. US20030215914A1
; GENERAL INFORMATION:
; APPLICANT: Houtzager, Erwin
; APPLICANT: Vijn, Irma M.C.
; TITLE OF INVENTION: A structure for presenting desired peptide sequences
; FILE REFERENCE: 2183-5610US
; CURRENT APPLICATION NUMBER: US/10/316,194
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: US 10/016,516
; PRIOR FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 173
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 104
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer P-9
; NAME/KEY: misc feature
; LOCATION: (1)..(21)
US-10-316-194-104

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      2061 CTGGGGAACAAGGAGCCGTG 2081
Db      21 CTGGGGAACAAGGAGCCCTG 1

RESULT 937
US-10-418-182-105/c
; Sequence 105, Application US/10418182
; Publication No. US20030228302A1
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 105
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-105

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 38.1%; Pred. No. 8.8e+02;
Matches 8; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY      4416 AATATAATATTAATTAAT 4436
Db      21 ARWARYAMKGTARMAAYAMY 1

RESULT 938
US-10-418-182-329/c
; Sequence 329, Application US/10418182
; Publication No. US20030228302A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Crea, Roberto
; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS
; FILE REFERENCE: 1551.2001-001
; CURRENT APPLICATION NUMBER: US/10/418,182
; CURRENT FILING DATE: 2003-04-16
; PRIOR APPLICATION NUMBER: 60/373,558
; PRIOR FILING DATE: 2002-04-17
; NUMBER OF SEQ ID NOS: 423
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 329
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-418-182-329

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 38.1%; Pred. No. 8.8e+02;
Matches 8; Conservative 12; Mismatches 1; Indels 0; Gaps 0;

QY      4416 AATATAATATTAATTAAT 4436
Db      21 ARWARYAMKGTARMAAYAMY 1

RESULT 939
US-10-388-263-203/c
; Sequence 203, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Pfeifer, Susan M.
; APPLICANT: Sasnor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Onasht, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Bockers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: 1515-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 203
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: PCR Primer
US-10-388-263-203

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      380 AAGCTGTGTCAGCAGCCGAG 400
Db      21 AAGCTGTGTCAGCAGCAGAG 1

RESULT 940
US-10-377-315-42
; Sequence 42, Application US/10377315
; Publication No. US20030229041A1
; GENERAL INFORMATION:
; APPLICANT: Sutherland, May S. Kung
```

```
APPLICANT: Geoghegan, James Charles
APPLICANT: Yu, Changpu
APPLICANT: Latham, John
APPLICANT: Caltech R&D, Inc.
TITLE OF INVENTION: Methods to Increase or Decrease Bone Density
FILE REFERENCE: 1427, 005US1
CURRENT APPLICATION NUMBER: US/10/377,315
CURRENT FILING DATE: 2003-02-28
PRIOR APPLICATION NUMBER: US 60/361,258
PRIOR FILING DATE: 2002-03-01
PRIOR APPLICATION NUMBER: US 60/406,171
PRIOR FILING DATE: 2002-08-27
PRIOR APPLICATION NUMBER: US Ser. No. US20030229041A1 Unknown
PRIOR FILING DATE: 2003-02-13
NUMBER OF SEQ ID NOS: 44
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 42
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-377-315-42
```

```
Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      2419 AATACGTTGCCCCCACTT 2439
Db      1 AATACATCCGCCCACTT 21
```

```
RESULT 941
US-10-349-143-3962/c
Sequence 3962, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 3962
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: upstream amplification primer 99-12531 for SEQ 28,
US-10-349-143-3962
```

```
Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      2465 CAATAGCCTACCAAGCA 2485
Db      21 CAATCAGCCTCCCAAGCA 1
```

```
RESULT 942
US-10-349-143-8477/c
```

```
Sequence 8477, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8477
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-15748 for SEQ 612, in compleme
US-10-349-143-8477
```

```
Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
OY      47 CCACTTCTCTGCCCCCACTT 67
Db      21 CCACTTCTCTTCCCACTTAT 1
```

```
RESULT 943
US-10-349-143-10799
Sequence 10799, Application US/10349143
Publication No. US20040005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CP1
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10799
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-19901 for SEQ 2934, in compleme
US-10-349-143-10799
```

```
Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

OY 4460 CATGATGTCGACAGTGTG 4480
Db 1 CAGGATGTTCCACACTCTGTG 21
RESULT 944
US-10-236-392-436/c
Sequence 436, Application US/10236392
Publication No. US20040067490A1
GENERAL INFORMATION:
APPLICANT: Anderson, David W
APPLICANT: Boldog, Ferenc L
APPLICANT: Burgess, Catherine, E
APPLICANT: Caeman, Stacie J
APPLICANT: Catterton, Elina
APPLICANT: Crabtree, Andrei
APPLICANT: Edinger, Shlomit, R
APPLICANT: Ellerman, Karen
APPLICANT: Gerlach, Valerie
APPLICANT: Gorman, Linda
APPLICANT: Grosse, William M
APPLICANT: Gusev, Vladamir
APPLICANT: Kekuda, Ramesh
APPLICANT: LaRochele, William J
APPLICANT: Li, Li
APPLICANT: MacDougall, John R
APPLICANT: Malyankar, Uriel M
APPLICANT: Miller, Charles E
APPLICANT: Miller, Isabelle
APPLICANT: Padigar, Muralidhara
APPLICANT: Patturajan, Meera
APPLICANT: Pena, Carol A
APPLICANT: Peyman, John A
APPLICANT: Rastelli, Luca
APPLICANT: Reiger, Daniel K
APPLICANT: Rothenberg, Mark E
APPLICANT: Shenoy, Suresh
APPLICANT: Shinkets, Richard A
APPLICANT: Smithson, Glenda
FILE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-442A
CURRENT APPLICATION NUMBER: US/10/236,392
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US09/635,949
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: US60/318,765
PRIOR FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US60/357,303
PRIOR FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US60/367,753
PRIOR FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: US60/369,479
PRIOR FILING DATE: 2002-04-02
PRIOR APPLICATION NUMBER: US09/659,634
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: US60/318,120
PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US60/318,130
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 794
SOFTWARE: Custom
SEQ ID NO 436
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: probe

US-10-236-392-436
Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
OY 4032 CCGAGGAGGGGCGCAGGAGG 4052
Db 21 CAGGAGATGATACCCACGAGG 1
RESULT 945
US-10-236-392-490/c
Sequence 490, Application US/10236392
Publication No. US20040067490A1
GENERAL INFORMATION:
APPLICANT: Anderson, David W
APPLICANT: Boldog, Ferenc L
APPLICANT: Burgess, Catherine, E
APPLICANT: Caeman, Stacie J
APPLICANT: Catterton, Elina
APPLICANT: Crabtree, Andrei
APPLICANT: Edinger, Shlomit, R
APPLICANT: Ellerman, Karen
APPLICANT: Gerlach, Valerie
APPLICANT: Gorman, Linda
APPLICANT: Grosse, William M
APPLICANT: Gusev, Vladamir
APPLICANT: Kekuda, Ramesh
APPLICANT: LaRochele, William J
APPLICANT: Li, Li
APPLICANT: MacDougall, John R
APPLICANT: Malyankar, Uriel M
APPLICANT: Miller, Charles E
APPLICANT: Miller, Isabelle
APPLICANT: Padigar, Muralidhara
APPLICANT: Patturajan, Meera
APPLICANT: Pena, Carol A
APPLICANT: Peyman, John A
APPLICANT: Rastelli, Luca
APPLICANT: Reiger, Daniel K
APPLICANT: Rothenberg, Mark E
APPLICANT: Shenoy, Suresh
APPLICANT: Shinkets, Richard A
APPLICANT: Smithson, Glenda
FILE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 21402-442A
CURRENT APPLICATION NUMBER: US/10/236,392
CURRENT FILING DATE: 2002-09-06
PRIOR APPLICATION NUMBER: US09/540,763
PRIOR FILING DATE: 2000-03-30
PRIOR APPLICATION NUMBER: US60/390,155
PRIOR FILING DATE: 2002-06-19
PRIOR APPLICATION NUMBER: US09/635,949
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: US60/318,765
PRIOR FILING DATE: 2001-09-12
PRIOR APPLICATION NUMBER: US60/357,303
PRIOR FILING DATE: 2002-02-15
PRIOR APPLICATION NUMBER: US60/367,753
PRIOR FILING DATE: 2002-03-25
PRIOR APPLICATION NUMBER: US60/369,479
PRIOR FILING DATE: 2002-04-02
PRIOR APPLICATION NUMBER: US09/659,634
PRIOR FILING DATE: 2000-09-12
PRIOR APPLICATION NUMBER: US60/318,120
PRIOR FILING DATE: 2001-09-07
PRIOR APPLICATION NUMBER: US60/318,130
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 794
SOFTWARE: Custom

```
; SEQ ID NO 490
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-490

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4032 CCGAGAGAGGGGCCACCAGGG 4052
Db      21 CAGGAGATGATCCACCAAGG 1

RESULT 946
US-10-236-392-514/C
; Sequence 514, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Carterton, Elna
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grose, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Larochele, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Miller, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark E
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smlthson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
```

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; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 514
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-514

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4032 CCGAGAGAGGGGCCACCAGGG 4052
Db      21 CAGGAGATGATCCACCAAGG 1

RESULT 947
US-10-236-392-529/C
; Sequence 529, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Carterton, Elna
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grose, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Larochele, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Miller, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark E
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smlthson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
```

```

; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 529
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-529

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4032 CCGAGAGGGGGCCACGAGG 4052
Db      21 CAGAGAGATGATCCACGAGG 1

RESULT 948
US-10-236-392-592/c
; Sequence 592, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Catterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: LaRochele, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malvankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Miller, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Pattnajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark E
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smtison, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
```

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; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 592
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-592

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4032 CCGAGAGGGGGCCACGAGG 4052
Db      21 CAGAGAGATGATCCACGAGG 1

RESULT 949
US-10-236-392-652/c
; Sequence 652, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Catterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomit, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: LaRochele, William J
; APPLICANT: Li, Li
; APPLICANT: MacDougall, John R
; APPLICANT: Malvankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Miller, Isabelle
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Pattnajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark E
; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smtison, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
```

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; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 652
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-652
```

```

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```

QY      4032 CCGAGAGGAGGGCCACCAGG 4052
DB      21 CAGGAGATGATCCACCAGG 1
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```

RESULT 950
US-10-236-392-700/c
; Sequence 700, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Caterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomil, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Larochele, William J
; APPLICANT: Li, Li
; APPLICANT: Macdougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Miller, Isabelle
; APPLICANT: Padigar, Muralidhara
; APPLICANT: Patturajan, Meera
; APPLICANT: Pena, Carol A
; APPLICANT: Peyman, John A
; APPLICANT: Rastelli, Luca
; APPLICANT: Reiger, Daniel K
; APPLICANT: Rothenberg, Mark E
```

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; APPLICANT: Shenoy, Suresh
; APPLICANT: Shinkets, Richard A
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-442A
; CURRENT APPLICATION NUMBER: US/10/236,392
; CURRENT FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: US09/540,763
; PRIOR FILING DATE: 2000-03-30
; PRIOR APPLICATION NUMBER: US60/390,155
; PRIOR FILING DATE: 2002-06-19
; PRIOR APPLICATION NUMBER: US09/635,949
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: US60/318,765
; PRIOR FILING DATE: 2001-09-12
; PRIOR APPLICATION NUMBER: US60/357,303
; PRIOR FILING DATE: 2002-02-15
; PRIOR APPLICATION NUMBER: US60/367,753
; PRIOR FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: US60/369,479
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: US09/659,634
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: US60/318,120
; PRIOR FILING DATE: 2001-09-07
; PRIOR APPLICATION NUMBER: US60/318,130
; PRIOR FILING DATE: 2001-09-07
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 794
; SOFTWARE: Custom
; SEQ ID NO 700
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-700
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```

Query Match      0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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QY      4032 CCGAGAGGAGGGCCACCAGG 4052
DB      21 CAGGAGATGATCCACCAGG 1
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RESULT 951
US-10-236-392-727/c
; Sequence 727, Application US/10236392
; Publication No. US20040067490A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Burgess, Catherine, E
; APPLICANT: Casman, Stacie J
; APPLICANT: Caterton, Elina
; APPLICANT: Chapoval, Andrei
; APPLICANT: Crabtree, Julie
; APPLICANT: Edinger, Shlomil, R
; APPLICANT: Ellerman, Karen
; APPLICANT: Gerlach, Valerie
; APPLICANT: Gorman, Linda
; APPLICANT: Grosse, William M
; APPLICANT: Gusev, Vladimir
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Larochele, William J
; APPLICANT: Li, Li
; APPLICANT: Macdougall, John R
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Miller, Charles E
; APPLICANT: Miller, Isabelle
; APPLICANT: Padigar, Muralidhara
```

```

: APPLICANT: Paturajan, Meera
: APPLICANT: Pena, Carol A
: APPLICANT: Peyman, John A
: APPLICANT: Rastelli, Luca
: APPLICANT: Reiger, Daniel K
: APPLICANT: Rothenberg, Mark E
: APPLICANT: Shenoy, Suresh
: APPLICANT: Shinkets, Richard A
: APPLICANT: Smithson, Glenda
: TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
: FILE REFERENCE: 21402-442A
: CURRENT APPLICATION NUMBER: US/10/236,392
: CURRENT FILING DATE: 2002-09-06
: PRIOR APPLICATION NUMBER: US09/540,763
: PRIOR FILING DATE: 2002-03-30
: PRIOR APPLICATION NUMBER: US60/390,155
: PRIOR FILING DATE: 2002-06-19
: PRIOR APPLICATION NUMBER: US09/635,949
: PRIOR FILING DATE: 2000-08-10
: PRIOR APPLICATION NUMBER: US60/318,765
: PRIOR FILING DATE: 2001-09-12
: PRIOR APPLICATION NUMBER: US60/357,303
: PRIOR FILING DATE: 2002-02-15
: PRIOR APPLICATION NUMBER: US60/367,753
: PRIOR FILING DATE: 2002-03-25
: PRIOR APPLICATION NUMBER: US60/369,479
: PRIOR FILING DATE: 2002-04-02
: PRIOR APPLICATION NUMBER: US09/659,634
: PRIOR FILING DATE: 2000-09-12
: PRIOR APPLICATION NUMBER: US60/318,120
: PRIOR FILING DATE: 2001-09-07
: PRIOR APPLICATION NUMBER: US60/318,130
: PRIOR FILING DATE: 2001-09-07
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 794
: SOFTWARE: Custom
: SEQ ID NO 727
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURES:
: OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-727

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4032 CCGAGGAGGGGCCACCGAGG 4052
Db      21 CAGGAGATGACCCACGAGG 1

RESULT 952
: Sequence 757, Application US/10236392
: Publication No. US20040067490A1
: GENERAL INFORMATION:
: APPLICANT: Anderson, David W
: APPLICANT: Boldog, Ferenc L
: APPLICANT: Burgess, Catherine, E
: APPLICANT: Caeman, Stacie J
: APPLICANT: Carterton, Elina
: APPLICANT: Chapoval, Andrei
: APPLICANT: Crabtree, Julie
: APPLICANT: Edinger, Shlomif, R
: APPLICANT: Ellerman, Karen
: APPLICANT: Gerlach, Valerie
: APPLICANT: Gorman, Linda
: APPLICANT: Grosse, William M
: APPLICANT: Gusev, Vladamir
: APPLICANT: Kekuda, Rameesh
: APPLICANT: Larochele, William J
```

```

: APPLICANT: Li, Li
: APPLICANT: Macdougall, John R
: APPLICANT: Malyankar, Uriel M
: APPLICANT: Miller, Charles E
: APPLICANT: Miller, Isabelle
: APPLICANT: Padigaru, Muralidhara
: APPLICANT: Paturajan, Meera
: APPLICANT: Pena, Carol A
: APPLICANT: Peyman, John A
: APPLICANT: Rastelli, Luca
: APPLICANT: Reiger, Daniel K
: APPLICANT: Rothenberg, Mark E
: APPLICANT: Shenoy, Suresh
: APPLICANT: Shinkets, Richard A
: APPLICANT: Smithson, Glenda
: TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME
: FILE REFERENCE: 21402-442A
: CURRENT APPLICATION NUMBER: US/10/236,392
: CURRENT FILING DATE: 2002-09-06
: PRIOR APPLICATION NUMBER: US09/540,763
: PRIOR FILING DATE: 2000-03-30
: PRIOR APPLICATION NUMBER: US60/390,155
: PRIOR FILING DATE: 2002-06-19
: PRIOR APPLICATION NUMBER: US09/635,949
: PRIOR FILING DATE: 2000-08-10
: PRIOR APPLICATION NUMBER: US60/318,765
: PRIOR FILING DATE: 2001-09-12
: PRIOR APPLICATION NUMBER: US60/357,303
: PRIOR FILING DATE: 2002-02-15
: PRIOR APPLICATION NUMBER: US60/367,753
: PRIOR FILING DATE: 2002-03-25
: PRIOR APPLICATION NUMBER: US60/369,479
: PRIOR FILING DATE: 2002-04-02
: PRIOR APPLICATION NUMBER: US09/659,634
: PRIOR FILING DATE: 2000-09-12
: PRIOR APPLICATION NUMBER: US60/318,120
: PRIOR FILING DATE: 2001-09-07
: PRIOR APPLICATION NUMBER: US60/318,130
: PRIOR FILING DATE: 2001-09-07
: Remaining Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 794
: SOFTWARE: Custom
: SEQ ID NO 757
: LENGTH: 21
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURES:
: OTHER INFORMATION: Description of Artificial Sequence: probe
US-10-236-392-757

Query Match          0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY      4032 CCGAGGAGGGGCCACCGAGG 4052
Db      21 CAGGAGATGACCCACGAGG 1

RESULT 953
: Sequence 3, Application US/10380195A
: Publication No. US20040072776A1
: GENERAL INFORMATION:
: APPLICANT: Gleave, Martin
: APPLICANT: Kiyama, Satoshi
: APPLICANT: Nelson, Colleen
: APPLICANT: Remie, Paul
: TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
: FILE REFERENCE: UBC-P-023
: CURRENT APPLICATION NUMBER: US/10/380,195A
: CURRENT FILING DATE: 2003-03-12
```

;; PRIOR APPLICATION NUMBER: PCT/US01/28748
;; PRIOR FILING DATE: 2001-09-13
;; PRIOR APPLICATION NUMBER: US 60/232,641
;; PRIOR FILING DATE: 2000-09-14
;; NUMBER OF SEQ ID NOS: 63
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 3
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-3

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4009 TCCCGCATCAGCGCAGCACC 4029
Db 1 TCCCGAAGACGCGCCAGCTCC 21

RESULT 954
US-10-380-195A-28
;; Sequence 28, Application US/10380195A
;; Publication No. US20040072776A1
;; GENERAL INFORMATION:
;; APPLICANT: Kiyama, Satoshi
;; APPLICANT: Kiyama, Satoshi
;; APPLICANT: Nelson, Colleen
;; APPLICANT: Remite, Paul
;; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
;; FILE REFERENCE: UBC-P-023
;; CURRENT APPLICATION NUMBER: US/10/380,195A
;; PRIOR FILING DATE: 2003-03-12
;; PRIOR APPLICATION NUMBER: PCT/US01/28748
;; PRIOR FILING DATE: 2001-09-13
;; PRIOR APPLICATION NUMBER: US 60/232,641
;; PRIOR FILING DATE: 2000-09-14
;; NUMBER OF SEQ ID NOS: 63
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 28
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-28

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4008 CTCCTGGATCAGCGCAGCACC 4028
Db 1 CTCCTGGATCAGCGCAGCACC 21

RESULT 955
US-10-380-195A-47
;; Sequence 47, Application US/10380195A
;; Publication No. US20040072776A1
;; GENERAL INFORMATION:
;; APPLICANT: Gleave, Martin
;; APPLICANT: Kiyama, Satoshi
;; APPLICANT: Nelson, Colleen
;; APPLICANT: Remite, Paul
;; TITLE OF INVENTION: Antisense Insulin-Like Growth Factor Binding Protein (IGFBP)-2
;; FILE REFERENCE: UBC-P-023
;; CURRENT APPLICATION NUMBER: US/10/380,195A

;; CURRENT FILING DATE: 2003-03-12
;; PRIOR APPLICATION NUMBER: PCT/US01/28748
;; PRIOR FILING DATE: 2001-09-13
;; PRIOR APPLICATION NUMBER: US 60/232,641
;; PRIOR FILING DATE: 2000-09-14
;; NUMBER OF SEQ ID NOS: 63
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 47
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: IGFBP2 antisense
US-10-380-195A-47

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4009 TCCCGCATCAGCGCAGCACC 4029
Db 1 TCCCGAAGACGCGCCAGCTCC 21

RESULT 956
US-10-383-864-61
;; Sequence 61, Application US/10383864
;; Publication No. US20040081976A1
;; GENERAL INFORMATION:
;; APPLICANT: THE JOHNS HOPKINS UNIVERSITY SCHOOL OF MEDICINE
;; APPLICANT: SIDRANSKY, David
;; TITLE OF INVENTION: GENOMIC SCREEN FOR EPIGENETICALLY SILENCED TUMOR SUPPRESSOR GENES
;; FILE REFERENCE: JHU1860-1
;; CURRENT APPLICATION NUMBER: US/10/383,864
;; PRIOR FILING DATE: 2003-07-25
;; PRIOR APPLICATION NUMBER: US 60/362,577
;; PRIOR FILING DATE: 2002-03-07
;; NUMBER OF SEQ ID NOS: 127
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 61
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Artificial sequence
;; FEATURE:
;; OTHER INFORMATION: PCR primer
US-10-383-864-61

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1592 GGAAACAGAGAGAGAGAT 1612
Db 1 GGAAACAGAGAGAGAGAT 21

RESULT 957
US-10-470-991-33/c
;; Sequence 33, Application US/10470991
;; Publication No. US20040091967A1
;; GENERAL INFORMATION:
;; APPLICANT: Bayer AG
;; TITLE OF INVENTION: REGULATION OF HUMAN HISTONE ACETYLTRANSFERASE
;; FILE REFERENCE: LIO284 Foreign Countries
;; CURRENT APPLICATION NUMBER: US/10/470,991
;; PRIOR FILING DATE: 2003-08-01
;; PRIOR APPLICATION NUMBER: US 60/265,891
;; PRIOR FILING DATE: 2001-02-05
;; PRIOR APPLICATION NUMBER: US 60/331,473
;; PRIOR FILING DATE: 2001-11-16
;; PRIOR APPLICATION NUMBER: US 60/334,928
;; PRIOR FILING DATE: 2001-12-04
;; NUMBER OF SEQ ID NOS: 33

SOFTWARE: PatentIn version 3.1
; SEQ ID NO 33
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: Reverse primer
US-10-470-991-33

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1180 TCATCCGAGCCCTCCCATCCC 1200
Db 21 TCATCAGTACCCTCCATCCC 1

RESULT 958
US-10-702-496-240/c
; Sequence 240, Application US/10702496
; Publication No. US20040121383A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/429,381
; PRIOR FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 240
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-702-496-240

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2400 CTACACTTCGAGAGAGAA 2420
Db 21 CTACAGCTTGAGCAGAGAA 1

RESULT 959
US-10-702-496-303/c
; Sequence 303, Application US/10702496
; Publication No. US20040121383A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeying
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/429,381
; PRIOR FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 303
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-702-496-303

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2400 CTACACTTCGAGAGAGAA 2420
Db 21 CTACAGCTTGAGCAGAGAA 1

RESULT 960
US-10-800-161-19
; Sequence 19, Application US/10800161
; Publication No. US20040154051A1
; GENERAL INFORMATION:
; APPLICANT: Cade, Rebecca M
; APPLICANT: Dietrich, Robert A
; APPLICANT: Lawton, Kay Ann
; TITLE OF INVENTION: INDUCIBLE PROMOTERS
; FILE REFERENCE: A-31089CIP1
; CURRENT APPLICATION NUMBER: US/10/800,161
; PRIOR FILING DATE: 2004-03-12
; PRIOR APPLICATION NUMBER: 60/171,008
; PRIOR FILING DATE: 1999-12-15
; PRIOR APPLICATION NUMBER: 60/175,519
; PRIOR FILING DATE: 2000-01-11
; NUMBER OF SEQ ID NOS: 31
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 19
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer 16R
US-10-800-161-19

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2802 GAAGGAGAAATGAGAGAGA 2822
Db 1 GAAGCGGAAAACATGAGAGA 21

RESULT 961
US-10-403-142-233
; Sequence 233, Application US/10403142
; Publication No. US20040162236A1
; GENERAL INFORMATION:
; APPLICANT: Alsobrook et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHO
; FILE REFERENCE: 21402-573A
; CURRENT APPLICATION NUMBER: US/10/403,142
; PRIOR FILING DATE: 2003-03-31
; PRIOR APPLICATION NUMBER: 08/969106
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 09/544511
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/369065
; PRIOR FILING DATE: 2002-04-01
; PRIOR APPLICATION NUMBER: 09/604286
; PRIOR FILING DATE: 2000-06-22
; PRIOR APPLICATION NUMBER: 09/651200
; PRIOR FILING DATE: 2000-08-30
; PRIOR APPLICATION NUMBER: 09/662783
; PRIOR FILING DATE: 2000-09-12
; PRIOR APPLICATION NUMBER: 09/688588
; PRIOR FILING DATE: 2000-10-12
; PRIOR APPLICATION NUMBER: 09/894159
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: 09/918779
; PRIOR FILING DATE: 2001-07-31

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; PRIOR APPLICATION NUMBER: 09/964956
; PRIOR FILING DATE: 2001-09-26
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 242
; SOFTWARE: Curaseq1ist version 0.1
; SEQ ID NO 233
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-403-142-233

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 4778 CTGGCTTCAGTCTTGGT 4798
1 CTGCTTCTCAGCTCTTGT 21

RESULT 962
US-10-755-889-798
; Sequence 798, Application US/10755889
; Publication No. US20040171823A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB
; FILE REFERENCE: D0284 NP
; CURRENT APPLICATION NUMBER: US/10/755,889
; CURRENT FILING DATE: 2004-01-13
; PRIOR APPLICATION NUMBER: U.S. 60/440,068
; PRIOR FILING DATE: 2003-01-14
; PRIOR APPLICATION NUMBER: U.S. 60/469,757
; PRIOR FILING DATE: 2003-05-12
; NUMBER OF SEQ ID NOS: 823
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 798
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized Primer.
US-10-755-889-798

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 3219 GGCTCAGCATCTGTAATC 3239
1 GGCTCAACGCTACTGTAATC 21

RESULT 963
US-10-786-720-1174
; Sequence 1174, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101311L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1174
; LENGTH: 21

; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-1174

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 2652 CAGTTGTCTCCAGAACGT 2672
1 CAGTAGTCACAGAACAGT 21

RESULT 964
US-10-786-720-2950
; Sequence 2950, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101311L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2950
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-2950

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 4790 TTCTTTGTTGAGAGAGCAG 4810
1 TACTTTGATTACAGAGAGCAG 21

RESULT 965
US-10-786-720-3226
; Sequence 3226, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101311L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3226
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-3226

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 21;
Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Db 4790 TTCTTTGTTGAGAGAGCAG 4810
1 TACTTTGATTACAGAGAGCAG 21
```

RESULT 966
US-10-786-720-6497/c
; Sequence 6497, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6497
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-6497

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1884 AAGGATGCTGATGATCTC 1904
DB 21 AAGGATTTCTGATATCTC 1

RESULT 967
US-10-786-720-7440
; Sequence 7440, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7440
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-7440

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

OY 5237 AGCTGCTACCAATAATT 5257
DB 1 AGUCUGAUAACCAACAUAU 21

RESULT 968
US-10-786-720-8414
; Sequence 8414, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8414
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-8414

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 8.8e+02;
Matches 12; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

OY 2828 GGGGAGCTGATGATGATT 2848
DB 1 GGUGAGUUGUGUGUCU 21

RESULT 969
US-10-786-720-8789/c
; Sequence 8789, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 8789
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-8789

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1884 AAGGATGCTGATGATCTC 1904
DB 21 AAGGATTTCTGATATCTC 1

RESULT 970
US-10-786-720-9690
; Sequence 9690, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 9690
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-9690

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

OY 5237 AGCTGCTACCAATAATT 5257

Db 1 AGUCGAGUAAACCAAAU 21

RESULT 971
US-10-786-720-10640
; Sequence 10640, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: L'iu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10640
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-10640

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 57.1%; Pred. No. 8.8e+02;
Matches 12; Conservative 5; Mismatches 4; Indels 0; Gaps 0;

QY 2828 GGGGAGCTGTGTGTAAGTT 2848
Db 1 GGUGAGUUGGUGUGUGU 21

RESULT 972
US-10-786-720-11225
; Sequence 11225, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: L'iu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 11225
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-11225

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 61.9%; Pred. No. 8.8e+02;
Matches 13; Conservative 4; Mismatches 4; Indels 0; Gaps 0;

QY 3539 GCTGACGAGCCGAGATGT 3559
Db 1 GCUGACCAAGGCCAUGAUGU 21

RESULT 973
US-10-786-720-12721/c
; Sequence 12721, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: L'iu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12721
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12721

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1591 TGGAAACAGAGAGAGAGA 1611
Db 21 TGACAAACAGAGAGTAGAATA 1

RESULT 974
US-10-786-720-12865
; Sequence 12865, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: L'iu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12865
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12865

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1302 CTCAGCCAACTGACAGCCTG 1322
Db 1 CACAGTCACTGACAACTCTG 21

RESULT 975
US-10-786-720-12875/c
; Sequence 12875, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: L'iu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12875
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-12875

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2719 ATGCCACATTGAAGACCACT 2739

Db 21 AAGCCATATTGAAGACCACTG 1

RESULT 976

US-10-786-720-13021
; Sequence 13021, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13021

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-13021

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1302 CTCAGCCACTGACACGCTG 1322

Db 1 CACAGTCACTGACACACTG 21

RESULT 977

US-10-786-720-13025/c
; Sequence 13025, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13025

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNAi-sense strand

US-10-786-720-13025

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2719 ATGCCACATTGAAGACCACT 2739

Db 21 AAGCCATATTGAAGACCACTG 1

RESULT 978

US-10-786-720-13995/c
; Sequence 13995, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 13995

; LENGTH: 21

; TYPE: RNA

; ORGANISM: RNAi-antisense strand

US-10-786-720-13995

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1141 AACTGACCACTGCTCTGCA 1161

Db 21 AACTGCGCAGACTTCTCTCA 1

RESULT 979

US-10-786-720-14086
; Sequence 14086, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 14086

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Homo sapiens

US-10-786-720-14086

Query Match 0.3%; Score 14.6; DB 1; Length 21;

Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2130 CACTTGAATTGAGAACTGAA 2150

Db 1 CACTTCCTTTAAGAGAGTGA 21

RESULT 980

US-10-786-720-14794
; Sequence 14794, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:

; APPLICANT: Wyeth

; APPLICANT: O'Toole, Margot

; APPLICANT: Liu, Wei

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; FILE REFERENCE: 031896-023000 (AM101331L)

; CURRENT APPLICATION NUMBER: US/10/786,720

; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135

; SOFTWARE: PatentIn version 3.2

; SEQ ID NO 14794

; LENGTH: 21

; TYPE: DNA

ORGANISM: Homo sapiens
US-10-786-720-14794

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1025 CACCACTGGCTCCAGAGA 1045
DB 1 CACCTGGCTCCAGAGA 21

RESULT 981

US-10-786-720-19387/C
Sequence 19387, Application US/10786720
Publication No. US200401918A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: O'Toole, Margot

APPLICANT: Liu, Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PatentIn version 3.2

SEQ ID NO 19387

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

US-10-786-720-19387

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2917 TCATCAGCATCAGCTCTG 2937
DB 21 TCTTCTCATCACTCTCTG 1

RESULT 982

US-10-786-720-19711/C
Sequence 19711, Application US/10786720
Publication No. US200401918A1

GENERAL INFORMATION:

APPLICANT: Wyeth

APPLICANT: O'Toole, Margot

APPLICANT: Liu, Wei

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

FILE REFERENCE: 031896-023000 (AM101331L)

CURRENT APPLICATION NUMBER: US/10/786,720

CURRENT FILING DATE: 2004-02-26

NUMBER OF SEQ ID NOS: 21135

SOFTWARE: PatentIn version 3.2

SEQ ID NO 19711

LENGTH: 21

TYPE: DNA

ORGANISM: Homo sapiens

US-10-786-720-19711

Query Match 0.3%; Score 14.6; DB 1; Length 21;
Best Local Similarity 81.0%; Pred. No. 8.8e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2704 AGTTCTCAGTGTATGCA 2724
DB 21 AGTTCTCAGTGTATGCA 1

RESULT 983

US-09-930-218-14/C
Sequence 14, Application US/09930218
Patent No. US20020034810A1

GENERAL INFORMATION:

APPLICANT: goldsmith, orit

APPLICANT: Decker, Itie

APPLICANT: Vlodevsky, Israel

APPLICANT: Israel, Michael

TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE

FILE REFERENCE: 01/22335

CURRENT APPLICATION NUMBER: US/09/930,218

CURRENT FILING DATE: 2001-08-16

PRIOR APPLICATION NUMBER: 09/666,390

PRIOR FILING DATE: 2000-09-20

NUMBER OF SEQ ID NOS: 16

SOFTWARE: PatentIn version 3.1

SEQ ID NO 14

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial sequence

FEATURE:

OTHER INFORMATION: synthetic polynucleotide

US-09-930-218-14

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4448 GGATCGACCTCATGATG 4468
DB 22 GGATCGACCTCATGATG 2

RESULT 984

US-09-798-033-6
Sequence 6, Application US/09798033
Publication No. US20020045220A1

GENERAL INFORMATION:

APPLICANT: Kosan Biosciences, Inc.

APPLICANT: Khosla, Chaitan

APPLICANT: Pfeiffer, Blaine

TITLE OF INVENTION: BIOSYNTHESIS OF POLYPEPTIDE SYNTHASE

FILE REFERENCE: 286002021120

CURRENT APPLICATION NUMBER: US/09/798,033

CURRENT FILING DATE: 2003-01-30

PRIOR APPLICATION NUMBER: 09/687,855

PRIOR FILING DATE: 2000-10-13

PRIOR APPLICATION NUMBER: 60/159,090

PRIOR FILING DATE: 1999-10-13

PRIOR APPLICATION NUMBER: 60/206,082

PRIOR FILING DATE: 2000-05-18

PRIOR APPLICATION NUMBER: 60/232,379

PRIOR FILING DATE: 2000-09-14

NUMBER OF SEQ ID NOS: 8

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 6

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Primer

US-09-798-033-6

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 966 ACCGAGCAGCGCGGAGC 986
DB 1 ACCGAGCAGCGCGGAGC 21

RESULT 985
US-09-972-331-22/c
; Sequence 22, Application US/09972331
; Patent No. US20020091083A1
; GENERAL INFORMATION:
; APPLICANT: HIGASHI, KIYOSHI
; APPLICANT: KOMATSU, KENGO
; TITLE OF INVENTION: DNA-BINDING PROTEIN YB-1-CONTAINING
; TITLE OF INVENTION: COLLAGEN ACCUMULATION INHIBITORS
; FILE REFERENCE: 7372/72170
; CURRENT APPLICATION NUMBER: US/09/972,331
; CURRENT FILING DATE: 2001-12-28
; PRIOR APPLICATION NUMBER: JP 2000/310624
; PRIOR FILING DATE: 2000-10-11
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 22
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DESIGNED OLIGONUCLEOTIDE PRIMER TO SYNTHESIZE
; OTHER INFORMATION: COLLAGEN ALPHA 1 PROBE
US-09-972-331-22

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4105 CCGAGGCCCGAGGAGCGCG 4125
Db 22 CCGAGGCCCGAGGAGCGCG 2

RESULT 986
US-09-970-597-3
; Sequence 3, Application US/09970597
; Patent No. US20020106790A1
; GENERAL INFORMATION:
; APPLICANT: COHEN-HAGENAUER, Odile
; TITLE OF INVENTION: RETROVIRAL VECTOR FOR THE TRANSFER AND EXPRESSION OF
; TITLE OF INVENTION: GENES FOR THERAPEUTIC PURPOSES IN EUKARYOTIC CELLS
; FILE REFERENCE: 8076.1101SCI
; CURRENT APPLICATION NUMBER: US/09/970,597
; CURRENT FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 09/433,322
; PRIOR FILING DATE: 1999-11-03
; PRIOR APPLICATION NUMBER: FR 9308015
; PRIOR FILING DATE: 1993-06-30
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Primer
US-09-970-597-3

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4265 TGCTGAGGCTGGAGGAAAC 4285
Db 2 TGCTGAGGCTGGAGGAAAC 22

RESULT 987
US-09-880-732-28/c
; Sequence 28, Application US/09880732
; Patent No. US20020127561A1
; GENERAL INFORMATION:
; APPLICANT: GENICON SCIENCES CORPORATION

APPLICANT: BEE, Gary
APPLICANT: KOHNE, David E.
APPLICANT: KORB, Linda
APPLICANT: PETERSON, Todd
APPLICANT: YGUEBABIDE, Juan
TITLE OF INVENTION: ASSAY FOR GENETIC POLYMORPHISMS USING SCATTERED LIGHT DETECTABLE
FILE REFERENCE: 089498/0403
CURRENT APPLICATION NUMBER: US/09/880,732
CURRENT FILING DATE: 2001-09-17
PRIOR APPLICATION NUMBER: US 60/210,988
PRIOR FILING DATE: 2000-06-12
NUMBER OF SEQ ID NOS: 64
SOFTWARE: PatentIn version 3.0
SEQ ID NO 28
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: misc feature
OTHER INFORMATION: Exemplary probe for CYP2D6 allele detection
US-09-880-732-28

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 271 TCTCTCTCTTCTCTCTCT 291
Db 22 TCTCTCACCCTTCTCATCTCT 2

RESULT 988
US-09-263-959-1074/c
; Sequence 1074, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Kooen, Lee F.
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaisters, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010,426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 682-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 1074:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 22 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
US-09-263-959-1074

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 9,4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 273 TCTCTCTTCTCTCTCTCTCT 293

Db 22 TCTATCTTGTCTCCCTCTCT 2

RESULT 989

US-09-957-667-3

Sequence 3, Application US/09957667
Patent No. US20020155157A1

GENERAL INFORMATION:
APPLICANT: LUD. DAN

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE DELIVERY

FILE REFERENCE: 082035-0283695
CURRENT APPLICATION NUMBER: US/09/957,667

CURRENT FILING DATE: 2001-09-21

PRIOR APPLICATION NUMBER: 09/244,722

PRIOR FILING DATE: 1999-02-10

PRIOR APPLICATION NUMBER: 68/074,213

PRIOR FILING DATE: 1998-02-10

NUMBER OF SEQ ID NOS: 8

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 3

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer

US-09-957-667-3

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9,4e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 2337 CAGTACGACAGCTCCCTGTC 2357

Db 2 CAAATCCGAAACCGCCTCTCC 22

RESULT 990

US-09-908-594-50/C

Sequence 50, Application US/09908594
Publication No. US20020187950A1

GENERAL INFORMATION:
APPLICANT: Lafleur, et al.

TITLE OF INVENTION: Keratinocyte Derived Interferon

FILE REFERENCE: PP482P2

CURRENT APPLICATION NUMBER: US/09/908,594

CURRENT FILING DATE: 2001-07-20

PRIOR APPLICATION NUMBER: 60/232,934

PRIOR FILING DATE: 2001-05-24

PRIOR APPLICATION NUMBER: 60/219,621

PRIOR FILING DATE: 2000-07-21

PRIOR APPLICATION NUMBER: 09/487,792

PRIOR FILING DATE: 2000-01-20

PRIOR APPLICATION NUMBER: US00/01239

PRIOR FILING DATE: 2000-01-20

PRIOR APPLICATION NUMBER: 09/358,587

PRIOR FILING DATE: 1999-07-21

PRIOR APPLICATION NUMBER: US99/16424

PRIOR FILING DATE: 1999-07-21

PRIOR APPLICATION NUMBER: 60/093,643

PRIOR FILING DATE: 1998-07-21

NUMBER OF SEQ ID NOS: 57

SOFTWARE: Patentin Ver. 2.1

SEQ ID NO 50

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer

NAME/KEY: Primer Bind
OTHER INFORMATION: Synthetic primer complementary to the human IFN α 2.
US-09-908-594-50

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9,4e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 1332 ATTGAAGACAGGTCAAGGCC 1352

Db 22 AGTAAGCAAGGTCAAGGCC 2

RESULT 991

US-09-896-692B-5

Sequence 5, Application US/09896692B
Publication No. US20030100521A1

GENERAL INFORMATION:
APPLICANT: Agrawal, Sudhir

TITLE OF INVENTION: No. US20030100521A1 HIV-Specific Synthetic Oligonucleotides and

FILE REFERENCE: 47508.556 (H12-069)

CURRENT APPLICATION NUMBER: US/09/896,692B

CURRENT FILING DATE: 2002-10-17

PRIOR APPLICATION NUMBER: US 08/914,827

PRIOR FILING DATE: 1997-08-19

NUMBER OF SEQ ID NOS: 8

SOFTWARE: FastSeq for Windows Version 4.0

SEQ ID NO 5

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: synthetic modified antisense oligonucleotide

US-09-896-692B-5

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9,4e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 263 CCCCCCTCTCTCTCTCTCT 283

Db 2 CGCACCACATCTCTCTCTCT 22

RESULT 992

US-10-029-079-1

Sequence 1, Application US/10029079
Publication No. US20020119154A1

GENERAL INFORMATION:
APPLICANT: Kline, J. Bradford

TITLE OF INVENTION: Composition and Method for Modulating Somatolactogenic Function

FILE REFERENCE: PENN-0795

CURRENT APPLICATION NUMBER: US/10/029,079

CURRENT FILING DATE: 2001-12-21

PRIOR APPLICATION NUMBER: 60/258,285

PRIOR FILING DATE: 2000-12-22

NUMBER OF SEQ ID NOS: 4

SOFTWARE: Patentin version 3.1

SEQ ID NO 1

LENGTH: 22

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Synthetic

US-10-029-079-1

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9,4e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

OY 4606 GAAGCCAGTGCCTCTGGA 4626

Db 2 GAATTCAGACTGCTGCTGGA 22

RESULT 993

US-10-087-451-6
; Sequence 6, Application US/10087451
; Publication No. US20020192767A1
; GENERAL INFORMATION:
; APPLICANT: Khosla, Chaitan
; APPLICANT: Pfeiffer, Blaine
; TITLE OF INVENTION: BIOSYNTHESIS OF POLYPEPTIDE SYNTHASE
; FILE REFERENCE: 286002021121
; CURRENT APPLICATION NUMBER: US/10/087,451
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 09/798,033
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: 09/687,855
; PRIOR FILING DATE: 2000-10-13
; PRIOR APPLICATION NUMBER: 60/159,090
; PRIOR FILING DATE: 1999-10-13
; PRIOR APPLICATION NUMBER: 60/206,082
; PRIOR FILING DATE: 2000-05-18
; PRIOR APPLICATION NUMBER: 60/232,379
; PRIOR FILING DATE: 2000-09-14
; PRIOR APPLICATION NUMBER: 60/355,211
; PRIOR FILING DATE: 2002-02-08
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-087-451-6

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 966 ACCGAGACGACCGCGAGC 986
Db 1 ACCGAGACTGCTGCGGCGATC 21

RESULT 994

US-10-345-092-57
; Sequence 57, Application US/10345092
; Publication No. US20030165506A1
; GENERAL INFORMATION:
; APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnol
; TITLE OF INVENTION: No. US20030165506A1el alpha-catenin expressed in heart and testis
; FILE REFERENCE: FVR/atc/V067
; CURRENT APPLICATION NUMBER: US/10/345,092
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 00202472.7
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/218,309
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 134
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 57
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: upper primer
US-10-345-092-57

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5132 CTTTCCTTATGCTGCTTTTC 5152

Db 2 CATTGCTTATGCTGCTTTTC 22

RESULT 995

US-10-345-092-127
; Sequence 127, Application US/10345092
; Publication No. US20030165506A1
; GENERAL INFORMATION:
; APPLICANT: Vlaams Interuniversitair Instituut voor Biotechnol
; TITLE OF INVENTION: No. US20030165506A1el alpha-catenin expressed in heart and testis
; FILE REFERENCE: FVR/atc/V067
; CURRENT APPLICATION NUMBER: US/10/345,092
; CURRENT FILING DATE: 2003-01-13
; PRIOR APPLICATION NUMBER: 00202472.7
; PRIOR FILING DATE: 2000-07-12
; PRIOR APPLICATION NUMBER: US 60/218,309
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 134
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 127
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer MCB2820
US-10-345-092-127

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 2874 CCCATTATCTGTGACCTGAG 2894

Db 2 CCCTTCTCTTATCTCTGAG 22

RESULT 996

US-10-039-869A-1
; Sequence 1, Application US/10039869A
; Publication No. US20030167474A1
; GENERAL INFORMATION:
; APPLICANT: Wallace, Douglas C.
; APPLICANT: Melov, Simon L.
; APPLICANT: Crapo, James D.
; APPLICANT: Day, Brian J.
; TITLE OF INVENTION: Methods for Identifying Compounds as Antioxidants
; FILE REFERENCE: 50-96B
; CURRENT APPLICATION NUMBER: US/10/039,869A
; CURRENT FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 09/454,126
; PRIOR FILING DATE: 1999-12-03
; PRIOR APPLICATION NUMBER: 08/924,301
; PRIOR FILING DATE: 1997-09-05
; PRIOR APPLICATION NUMBER: 60/024,702
; PRIOR FILING DATE: 1996-09-06
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 1
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:
US-10-039-869A-1

Query Match 0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2826 GAGGGGAGCTGCTGTGAAG 2846

Db 2 GAGGGGAGCTGCTGTGAAG 22

RESULT 997

US-10-431-438-14/c
; Sequence 14, Application US/10431438
; Publication No. US20030180788A1
; GENERAL INFORMATION:
; APPLICANT: goldshmidt, orit
; APPLICANT: pecker, itir
; APPLICANT: viodavsky, israel
; APPLICANT: israel, michael
; TITLE OF INVENTION: AVIAN AND REPTILE DERIVED POLYNUCLEOTIDE ENCODING A POLYPEPTIDE H
; FILE REFERENCE: 26013
; CURRENT APPLICATION NUMBER: US/10/431,438
; CURRENT FILING DATE: 2003-05-08
; NUMBER OF SEQ ID NOS: 16
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: synthetic polynucleotide
US-10-431-438-14

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 9.4e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4448 GGATCGAAGCTCATGATG 4468

Db 22 GGATCGATCCCTCTGATG 2

RESULT 998

US-10-084-839-3145/c
; Sequence 3145, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: Ip, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamatchev, Victor
; APPLICANT: Lyamatcheva, Natalie E.
; APPLICANT: Ma, WuPo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah W.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Tkova, Tseetka Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vegvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: FORS-06666
; CURRENT APPLICATION NUMBER: US/10/084,839
; CURRENT FILING DATE: 2002-02-26

; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3145
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-3145

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 9.4e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3703 CCCAGAGGCTGATCCGGCG 3723

Db 22 CCAAGAGGCTGATCCGGCG 2

RESULT 999

US-10-357-488-7/c
; Sequence 7, Application US/10357488
; Publication No. US20030194730A1
; GENERAL INFORMATION:
; APPLICANT: Centre for DNA Fingerprinting and diagnostics
; TITLE OF INVENTION: No. US20030194730A1, FISSR-PCR primers and markers and a method
; TITLE OF INVENTION: primers and markers for identifying genetic constitution and br
; FILE REFERENCE: 782-Indian
; CURRENT APPLICATION NUMBER: US/10/357,488
; CURRENT FILING DATE: 2003-02-04
; PRIOR APPLICATION NUMBER: 260/MA5/2002
; PRIOR FILING DATE: 2002-04-08
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: A novel FISSR-PCR primer for genotyping eukaryotes
US-10-357-488-7

Query Match 0.3%; Score 14.6; DB 1; Length 22;

Best Local Similarity 81.0%; Pred. No. 9.4e+02;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 283 TCTCTCTCTCTGCTGCT 303

Db 22 TCTCTCTCTCTGCTGCT 2

RESULT 1000

US-10-351-157-65
; Sequence 65, Application US/10351157
; Publication No. US20030215838A1
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Gao, Zeren
; APPLICANT: Kulper, Joseph L.
; APPLICANT: Dasovich, Maria M.
; APPLICANT: Grant, Francis J.
; APPLICANT: Presnell, Scott R.
; APPLICANT: Whitmore, Theodore E.
; APPLICANT: Hammond, Angela K.
; APPLICANT: No. US20030215838A1, Julia E.
; APPLICANT: Gross, Jane A.
; APPLICANT: Dillon, Stacey R.
; TITLE OF INVENTION: CYTOKINE RECEPTOR ZCYTOR17 MULTIMERS
; FILE REFERENCE: 02-02
; CURRENT APPLICATION NUMBER: US/10/351,157
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US 60/435,361

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; PRIOR FILING DATE: 2002-12-19
; PRIOR APPLICATION NUMBER: US 60/389,108
; PRIOR FILING DATE: 2002-06-14
; PRIOR APPLICATION NUMBER: US 60/350,325
; PRIOR FILING DATE: 2002-01-18
; NUMBER OF SEQ ID NOS: 183
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 65
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC39983
US-10-351-157-65
```

```

Query Match      0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
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```
QY      2289 CTGCTACTGAGGAGCGAGAA 2309
Db      2 CTGCTACTGAGAAACCGAGAA 22
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```

RESULT 1001
US-10-352-554-65
; Sequence 65, Application US/10352554
; Publication No. US2003022487A1
; GENERAL INFORMATION:
; APPLICANT: Sprecher, Cindy A.
; APPLICANT: Kujiper, Joseph L.
; APPLICANT: Dasovich, Maria M.
; APPLICANT: Grant, Francis J.
; APPLICANT: Hammond, Angela K.
; APPLICANT: Novak, Julia E.
; APPLICANT: Gross, Jane A.
; APPLICANT: Dillon, Stacey R.
; TITLE OF INVENTION: NOVEL CYTOKINE ZCYTOR17 LIGAND
; FILE REFERENCE: 02-01
; CURRENT APPLICATION NUMBER: US/10/352,554
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US 60/350,325
; PRIOR FILING DATE: 2002-01-18
; PRIOR APPLICATION NUMBER: US 60/375,323
; PRIOR FILING DATE: 2002-04-25
; PRIOR APPLICATION NUMBER: US 60/435,315
; PRIOR FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 65
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer ZC39983
US-10-352-554-65
```

```

Query Match      0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      2289 CTGCTACTGAGGAGCGAGAA 2309
Db      2 CTGCTACTGAGAAACCGAGAA 22
```

```

RESULT 1002
US-10-164-717-9/c
; Sequence 9, Application US/10164717
; Publication No. US20030228658A1
; GENERAL INFORMATION:
; APPLICANT: OriGene Technologies, Inc.
; TITLE OF INVENTION: Melanocortin-1 Receptor and Methods of Use
```

```

; FILE REFERENCE: 16U 111 R1
; CURRENT APPLICATION NUMBER: US/10/164,717
; CURRENT FILING DATE: 2002-06-10
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 9
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-164-717-9
```

```

Query Match      0.3%; Score 14.6; DB 1; Length 22;
Best Local Similarity 81.0%; Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
```

```
QY      4107 GGAGCCGAGAGAGGAGCGCGTG 4127
Db      22 GGAGCCTAGAGAGGAGCGAG 2
```

```

RESULT 1003
US-10-262-445-75
; Sequence 75, Application US/10262445
; Publication No. US20040014058A1
; GENERAL INFORMATION:
; APPLICANT: Alsebrook II, John
; APPLICANT: Burgess, Catherine
; APPLICANT: Catterton, Elina
; APPLICANT: Chant, John
; APPLICANT: Chaudhuri, Amitbha
; APPLICANT: Edlinger, Shlomit
; APPLICANT: Gerlach, Valerie
; APPLICANT: Giot, Loic
; APPLICANT: Gorman, Linda
; APPLICANT: Guo, Xiaojia
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Mezes, Peter
; APPLICANT: Millet, Isabelle
; APPLICANT: Ooi, Chean Eng
; APPLICANT: Paturajan, Meera
; APPLICANT: Rieger, Daniel
; APPLICANT: Spytek, Kimberly
; APPLICANT: Taupier Jr., Raymond J.
; APPLICANT: Zeehusen, Bryan
; APPLICANT: Zhong, Haihong
; TITLE OF INVENTION: NOVEL HUMAN PROTEINS, POLYNUCLEOTIDES ENCODING THEM AND METHODS
; FILE REFERENCE: 21402-462D
; CURRENT APPLICATION NUMBER: US/10/262,445
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 60/327,454
; PRIOR FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: 60/327,917
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,029
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,056
; PRIOR FILING DATE: 2001-10-09
; PRIOR APPLICATION NUMBER: 60/328,849
; PRIOR FILING DATE: 2001-10-12
; PRIOR APPLICATION NUMBER: 60/329,414
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/330,142
; PRIOR FILING DATE: 2001-10-17
; PRIOR APPLICATION NUMBER: 60/341,058
; PRIOR FILING DATE: 2001-10-22
; PRIOR APPLICATION NUMBER: 60/343,629
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 60/349,575
; PRIOR FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 133
; Remaining Prior Application data removed - See File Wrapper or PALM.
```

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; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 75
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-262-445-75

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 22;
Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5030 GCCTCTGCTCCAGGCTTT 5050
Db 2 GCCTCTAGCTTCTGCTCTT 22

RESULT 1004
US-10-274-300-69/c
; Sequence 69, Application US/10274300
; Publication No. US20040076960A1
; GENERAL INFORMATION:
; APPLICANT: Taylor, Kent D.
; APPLICANT: Rotter, Jerome I.
; APPLICANT: Yang, Huiying
; APPLICANT: Sugimura, Kazuhito
; APPLICANT: Targan, Stephan
; TITLE OF INVENTION: Methods of using a NOD2/CARD 15
; FILE REFERENCE: P-CE 5451
; TITLE OF INVENTION: Haplotype to Diagnose Crohn's Disease
; CURRENT APPLICATION NUMBER: US/10/274,300
; CURRENT FILING DATE: 2002-10-18
; NUMBER OF SEQ ID NOS: 89
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 69
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-274-300-69

Query Match
Best Local Similarity 0.3%; Score 14.6; DB 1; Length 22;
Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5235 GAAGCTGCGTACCAATATA 5255
Db 22 GAAGTGAAGGTAAACCAATATA 2

RESULT 1005
US-10-408-601-74/c
; Sequence 74, Application US/10408601
; Publication No. US20040086890A1
; GENERAL INFORMATION:
; APPLICANT: Sorsge, Joseph
; TITLE OF INVENTION: DNA POLYMERASES WITH REDUCED BASE ANALOG DETECTION ACTIVITY
; FILE REFERENCE: 25436/2345B
; CURRENT APPLICATION NUMBER: US/10/408,601
; CURRENT FILING DATE: 2003-04-07
; PRIOR APPLICATION NUMBER: US 10/298,680
; PRIOR FILING DATE: 2002-11-18
; PRIOR APPLICATION NUMBER: US 10/280,962
; PRIOR FILING DATE: 2002-10-25
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-408-601-74
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```

Query Match
Best Local Similarity 81.0%; Score 14.6; DB 1; Length 22;
Pred. No. 9.4e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2253 CTCTCTGCTTGGGATCTT 2273
Db 22 CTCTATAGCTTGGGATGTT 2

RESULT 1006
US-10-211-059-311/c
; Sequence 311, Application US/10211059
; Publication No. US20030100495A1
; GENERAL INFORMATION:
; APPLICANT: Zhang, Jian
; TITLE OF INVENTION: HUMAN NAC-1 PROTEIN
; FILE REFERENCE: PB0149
; CURRENT APPLICATION NUMBER: US/10/211,059
; CURRENT FILING DATE: 2002-08-02
; PRIOR APPLICATION NUMBER: US 60/311,034
; PRIOR FILING DATE: 2001-08-08
; NUMBER OF SEQ ID NOS: 322
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 311
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-211-059-311

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 16;
Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3041 AGGCCACTTCAGGGG 3056
Db 16 AGCCCACTTCAGGGG 1

RESULT 1007
US-10-645-471A-26
; Sequence 26, Application US/10645471A
; Publication No. US2004011022A1
; GENERAL INFORMATION:
; APPLICANT: Ebbinghaus, Scot W.
; APPLICANT: Hurley, Laurence H.
; APPLICANT: Siddiqui-Jain, Adam
; TITLE OF INVENTION: MEMMOLT, Regan
; TITLE OF INVENTION: METHODS FOR REGULATING TRANSCRIPTION BY
; FILE REFERENCE: 53232000500
; CURRENT APPLICATION NUMBER: US/10/645,471A
; CURRENT FILING DATE: 2003-08-20
; PRIOR APPLICATION NUMBER: 60/404,965
; PRIOR FILING DATE: 2002-08-20
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26
; LENGTH: 16
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: oligonucleotide
US-10-645-471A-26

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 16;
Pred. No. 6.3e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4155 CCTGCTGGCTCCTCCTT 4170
Db 1 CCTGCTGGCTCCTCCTT 16
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RESULT 1008
US-09-866-108-1344
; Sequence 1344, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1344
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1344

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 1348
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-1348

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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```
QY      771 AAGAGGAAACATGCG 786
DB      2 AAGAGGAAAGATGG 17

RESULT 1009
US-09-866-108-1348
; Sequence 1348, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

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RESULT 1010
US-09-866-108-6703/C
; Sequence 6703, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
```

```

; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6703
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6703

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```

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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QY      82 GCTTCTTCAGACTGC 97
Db      17 GCTTCTTCAGACTGC 2

```

```

RESULT 1011
US-09-866-108-6704/c
; Sequence 6704, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU Yizhong
; APPLICANT: UT, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 6704
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-6704

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```

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      82 GCTTCTTCAGACTGC 97
Db      16 GCTTCTTCAGACTGC 1

```

```

RESULT 1012
US-09-866-108-7085
; Sequence 7085, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU Yizhong
; APPLICANT: UT, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263,6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661

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; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO: 7085
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-7085

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      550 CCAAGCGGAGAGCT 565
Db      2 CCAAGGAGAGAGCT 17

RESULT 1013
; US-09-866-108-7086
; Sequence 7086, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 7086
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```

; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-7086

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      550 CCAAGCGGAGAGCT 565
Db      1 CCAAGGAGAGAGCT 16

RESULT 1014
; US-09-866-108-8197/c
; Sequence 8197, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 8197
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-866-108-8197

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3874 TCAAGCCTTCAGATC 3889
```

Db 17 TCAGCCTTCCAAATC 2

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RESULT 1015
US-09-866-108-8199/c
; Sequence 8199, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8199
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8199

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8201
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8201

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
RESULT 1016
US-09-866-108-8201/c
; Sequence 8201, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
```

```
RESULT 1017
US-09-866-108-8202/c
; Sequence 8202, Application US/09866108
; Patent No. US20020048800A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
; FILE REFERENCE: AEOMICA-7
; CURRENT APPLICATION NUMBER: US/09/866,108
; CURRENT FILING DATE: 2001-05-25
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; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00662
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00661
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 60/234,687
; PRIOR FILING DATE: 2000-09-21
; PRIOR APPLICATION NUMBER: US 60/266,860
; PRIOR FILING DATE: 2001-02-05
; NUMBER OF SEQ ID NOS: 15752
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8202
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-866-108-8202

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3870 CCCATCAAGCTTCCA 3885
Db      16 CCGATCAAGCTTCCA 1

RESULT 1018
US-09-818-875-1095
; Sequence 1095, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1095
; LENGTH: 17
; TYPE: DNA
```

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; ORGANISM: Homo sapiens
US-09-818-875-1095

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2326 TCAAGCAGCAGCTGTA 2341
Db      1 TCAAGCAGCAGCTGTA 16

RESULT 1019
US-09-818-875-1096/c
; Sequence 1096, Application US/09818875
; Publication No. US20030051270A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1096
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-818-875-1096

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2326 TCAAGCAGCAGCTGTA 2341
Db      17 TCAAGCAGCAGCTGTA 2

RESULT 1020
US-09-877-478-685/c
; Sequence 685, Application US/09877478
; Publication No. US20030068301A1
; GENERAL INFORMATION:
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwigen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH90-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; PRIOR FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
```

; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 685
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-685

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 553 AGCGGAGAGCTGCT 568
DB 17 AGGAGGAGAGCTGCT 2

RESULT 1021
US-09-877-478-1413/C
; Sequence 1413, Application US/09877478
; Publication No. US2003068301A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blact, Larry
; APPLICANT: MCSwigen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: MBH800-845-H (400/029)
; CURRENT APPLICATION NUMBER: US/09/877,478
; CURRENT FILING DATE: 2001-12-31
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 08/433,993
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 08/434,504
; PRIOR FILING DATE: 1995-05-04
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6586
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1413
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-09-877-478-1413

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 553 AGCGGAGAGCTGCT 568
DB 16 AGGAGGAGAGCTGCT 1

RESULT 1022
US-09-740-332-2903/C

; Sequence 2903, Application US/09740332
; Publication No. US20030125270A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals Inc.
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Related
; FILE REFERENCE: RPI 400/003
; CURRENT APPLICATION NUMBER: US/09/740,332
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9704
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2903
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-740-332-2903

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4872 GCCTGTCCAGCTTCC 4887
DB 16 GCCGTGCCAGCTTCC 1

RESULT 1023
US-09-792-818-365
; Sequence 365, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: MCSwigen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; FILE REFERENCE: MBH800-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 365
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-365

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4912 CCATCACGACCCACAG 4927
DB 2 CCAGCACGACCCACAG 17

RESULT 1024
US-09-792-818-366
; Sequence 366, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: MCSwigen, Jim
; APPLICANT: Hamblin, Paul

```
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBRB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 366
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-366

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      4912 CCATCACCAGCCACAG 4927
Db      1 CCAGCACCAGCCACAG 16

RESULT 1025
US-09-792-818-481
; Sequence 481, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBRB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 481
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-481

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.9e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy      882 GAGCTGCCCCCAAGAA 897
Db      2 GAGCTGCCCCCAAGAA 17

RESULT 1026
US-09-792-818-483
; Sequence 483, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBRB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
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; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 483
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-483

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 87.5%; Pred. No. 6.9e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

Oy      883 AGTGCCCCCAAGAA 898
Db      1 AGTGCCCCCAAGAA 16

RESULT 1027
US-09-792-818-503/c
; Sequence 503, Application US/09792818
; Publication No. US20030134806A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: Jarvis, Thale
; APPLICANT: Von Carlowitz, Ira
; APPLICANT: McSwiggen, Jim
; APPLICANT: Hamblin, Paul
; APPLICANT: Ellis, Jonathan
; TITLE OF INVENTION: Method and Reagent for the Inhibition of Grb-2-related with Inse
; TITLE OF INVENTION: (GRID) Gene
; FILE REFERENCE: MBRB00-901-A (400/013)
; CURRENT APPLICATION NUMBER: US/09/792,818
; CURRENT FILING DATE: 2001-02-23
; NUMBER OF SEQ ID NOS: 2304
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 503
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-09-792-818-503

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy      1124 TCTTCTCACCCTGAAG 1139
Db      16 TCATCTCACCCTGAAG 1

RESULT 1028
US-09-817-879-2903/c
; Sequence 2903, Application US/09817879
; Publication No. US20030171311A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; TITLE OF INVENTION: Hepatitis C Virus Infection
; TITLE OF INVENTION: Hepatitis C Virus Infection
; FILE REFERENCE: MBRB00-801-F
; CURRENT APPLICATION NUMBER: US/09/817,879
; CURRENT FILING DATE: 2001-03-26
; NUMBER OF SEQ ID NOS: 9703
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 2903
; LENGTH: 17
; TYPE: RNA
; ORGANISM: artificial sequence
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-09-817-879-2903

Query Match          0.3%; Score 14.4; DB 1; Length 17;
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Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4872 GCCTGTCAGATTCC 4887

Db 16 GCCCGTCCAGATTCC 1

RESULT 1029
US-10-060-756A-1008/c
; Sequence 1008, Application US/10060756A
; Publication No. US2003004671A1
; GENERAL INFORMATION:

APPLICANT: Zhang, Jian
TITLE OF INVENTION: HUMAN TESTIS EXPRESSED PATCHED LIKE PROTEIN

FILE REFERENCE: PB0177

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00668

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00663

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/327,898

PRIOR FILING DATE: 2001-10-09

NUMBER OF SEQ ID NOS: 4804

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 1008

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-060-756A-1008

Query Match 0.3%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 6.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4937 GCCCCCCACATGAT 4952

Db 17 GCCCCCCACATGAT 2

RESULT 1030
US-10-060-756A-1009/c
; Sequence 1009, Application US/10060756A
; Publication No. US2003004671A1
; GENERAL INFORMATION:

PRIOR APPLICATION NUMBER: US 09/864,761

PRIOR FILING DATE: 2001-05-23

PRIOR APPLICATION NUMBER: US 60/327,898

PRIOR FILING DATE: 2001-10-09

NUMBER OF SEQ ID NOS: 4804

SOFTWARE: Aeomica Sequence Listing Engine

SEQ ID NO 1009

LENGTH: 17

TYPE: DNA

ORGANISM: Homo sapiens

US-10-060-756A-1009

Query Match 0.3%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 6.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4937 GCCCCCCACATGAT 4952

Db 16 GCCCCCCACATGAT 1

RESULT 1031
US-10-238-700-2800/c

Sequence 2800, Application US/10238700

Publication No. US20030153521A1

GENERAL INFORMATION:

APPLICANT: McSwigen, James

TITLE OF INVENTION: Nucleic Acid Treatment of Diseases or Conditions Related to Leve

FILE REFERENCE: 400/057 (MBH01-1158-A)

CURRENT FILING DATE: 2002-09-18

PRIOR APPLICATION NUMBER: PCT/US 02/16840

PRIOR FILING DATE: 2002-05-29

PRIOR APPLICATION NUMBER: US 60/318,471

PRIOR FILING DATE: 2001-09-10

NUMBER OF SEQ ID NOS: 4666

SOFTWARE: PatentIn version 3.0

SEQ ID NO 2800

LENGTH: 17

TYPE: RNA

ORGANISM: Homo sapiens

US-10-238-700-2800

Query Match 0.3%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 6.9e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3922 CGCGCGCGCGCGCT 3937

Db 17 CGCGCGCGCGCGCT 2

RESULT 1032
US-10-061-201-1078/c

Sequence 1078, Application US/10061201

Publication No. US2003016229A1

GENERAL INFORMATION:

APPLICANT: Shannon, Mark

TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1

FILE REFERENCE: PB0178

CURRENT FILING DATE: 2002-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00666

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00667

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00664

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00669

PRIOR FILING DATE: 2001-01-30

PRIOR APPLICATION NUMBER: PCT/US01/00665

PRIOR FILING DATE: 2001-01-30

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; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1078
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1078
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Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
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QY      820 TGGAGAGAGAGACAC 835
Db      17 TGGAGAGAGAGACAC 2
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RESULT 1033

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US-10-061-201-1080/c
; Sequence 1080, Application US/10061201
; Publication No. US20030166229A1
; GENERAL INFORMATION:
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; APPLICANT: Shannon, Mark
; TITLE OF INVENTION: HUMAN POSH-LIKE PROTEIN 1
; FILE REFERENCE: PB0178
; CURRENT APPLICATION NUMBER: US/10/061,201
; PRIOR FILING DATE: 2002-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00663
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00670
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: US 09/864,761
; PRIOR FILING DATE: 2001-05-23
; PRIOR APPLICATION NUMBER: US 60/328,205
; PRIOR FILING DATE: 2001-10-10
; NUMBER OF SEQ ID NOS: 4162
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 1080
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-061-201-1080
```

```

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      819 CTGAGAGAGAGACA 834
Db      16 CTGAGAGAGAGACA 1
```

```

RESULT 1034
US-10-209-787-1095
; Sequence 1095, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1095
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-1095
```

```

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2326 TCAAGCAGCAGCTGTA 2341
Db      1 TCAAGCAGCAGCTGTA 16
```

```

RESULT 1035
US-10-209-787-1096/c
; Sequence 1096, Application US/10209787
; Publication No. US20030217377A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Kmiec, Eric B.
; APPLICANT: Gamper, Howard B.
; APPLICANT: Rice, Michael C.
; TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
; FILE REFERENCE: Napro-4
; CURRENT APPLICATION NUMBER: US/10/209,787
; CURRENT FILING DATE: 2002-07-30
; PRIOR APPLICATION NUMBER: US 09/818,875
; PRIOR FILING DATE: 2001-03-27
; PRIOR APPLICATION NUMBER: US 60/192,176
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/192,179
; PRIOR FILING DATE: 2000-03-27
; PRIOR APPLICATION NUMBER: US 60/208,538
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO 1096
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-209-787-1096
```

```

Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2326 TCAAGCAGCAGCAGTA 2341
Db 17 TCAAGCAGCAGCTGTA 2

RESULT 1036

US-10-297-068-554
; Sequence 554, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:

APPLICANT: INOKO, Hidetoshi
APPLICANT: KAGIYA, Taeko
APPLICANT: ICHIHARA, Tatsuo
APPLICANT: Matsumura, Yoshiyuki
APPLICANT: MORIYA, Shogo
APPLICANT: NISHIDA, Michio
TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
FILE REFERENCE: 13140P174
CURRENT APPLICATION NUMBER: US/10/297,068
CURRENT FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: JP 2000-164798
PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 1298
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 554
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: capture
US-10-297-068-554

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 470 CTGGGGCTGCTGCGG 485
Db 2 CTGGGGCTGCTGCGG 17

RESULT 1037

US-10-321-962-29
; Sequence 29, Application US/10321962
; Publication No. US20040006015A1
; GENERAL INFORMATION:

APPLICANT: Boldog, Ferenc L.
APPLICANT: Burgees, Catherine E.
APPLICANT: Fernandez, Elma
APPLICANT: Jeffers, Michael E.
APPLICANT: Larochele, William J.
APPLICANT: Lichenstein, Henry S.
APPLICANT: Peterson, Jeffrey
APPLICANT: Preyaga, Sudhiradas
APPLICANT: Rikman, Beth
APPLICANT: Shimkets, Juliette
APPLICANT: Shimkets, Richard A.
APPLICANT: Yang, Meljia
TITLE OF INVENTION: Treatment of Inflammatory Bowel Disease
TITLE OF INVENTION: Using Growth Factors
FILE REFERENCE: 15966-557A IBD CIP2
CURRENT APPLICATION NUMBER: US/10/321,962
CURRENT FILING DATE: 2002-12-16
NUMBER OF SEQ ID NOS: 42
SOFTWARE: CuraseqList version 0.1
SEQ ID NO 29
LENGTH: 17
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-321-962-29

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2684 TGACAGCCAGCAGCAG 2699
Db 2 TGCCAGCCAGCAGCAG 17

RESULT 1038

US-10-261-185-1095
; Sequence 1095, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4CON
CURRENT APPLICATION NUMBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/US01/09761
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538
PRIOR FILING DATE: 2000-06-01
PRIOR APPLICATION NUMBER: US 60/244,989
PRIOR FILING DATE: 2000-10-30
NUMBER OF SEQ ID NOS: 4385
SOFTWARE: Friedman macro Napro4
SEQ ID NO 1095
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-261-185-1095

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2326 TCAAGCAGCAGCAGTA 2341
Db 1 TCAAGCAGCAGCTGTA 16

RESULT 1039

US-10-261-185-1096/C
; Sequence 1096, Application US/10261185
; Publication No. US20040014057A1
; GENERAL INFORMATION:

APPLICANT: Kmiec, Eric B.
APPLICANT: Gamper, Howard B.
APPLICANT: Rice, Michael C.
TITLE OF INVENTION: Targeted Chromosomal Genomic Alterations with Modified Single
TITLE OF INVENTION: Stranded Oligonucleotides
FILE REFERENCE: Napro-4CON
CURRENT APPLICATION NUMBER: US/10/261,185
CURRENT FILING DATE: 2002-09-27
PRIOR APPLICATION NUMBER: PCT/US01/09761
PRIOR FILING DATE: 2001-03-27
PRIOR APPLICATION NUMBER: US 60/192,176
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/192,179
PRIOR FILING DATE: 2000-03-27
PRIOR APPLICATION NUMBER: US 60/208,538

```
; PRIOR FILING DATE: 2000-06-01
; PRIOR APPLICATION NUMBER: US 60/244,989
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 4385
; SOFTWARE: Friedman macro Napro4
; SEQ ID NO: 1096
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-261-185-1096
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      2326 TCAAGCAGCAGCAGCTA 2341
Db      17  TCAAGCAGCAGCAGCTGTA 2
```

```
RESULT 1040
US-10-342-902-685/c
; Sequence 685, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-1)
; CURRENT APPLICATION NUMBER: US/10/342,902
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 08/193,627
; PRIOR FILING DATE: 1994-02-07
; PRIOR APPLICATION NUMBER: US 07/882,712
; PRIOR FILING DATE: 1992-05-14
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 685
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-685
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy      553 AGCGGAGAGAGCTGCT 568
Db      17  AGGAGGAGAGAGCTGCT 2

RESULT 1041
US-10-342-902-1413/c
; Sequence 1413, Application US/10342902
; Publication No. US20040054156A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Draper, Kenneth
; APPLICANT: Blatt, Larry
```

```
; APPLICANT: McSwiggen, Jim
; APPLICANT: Morrissey, Dave
; TITLE OF INVENTION: Method and Reagent for Inhibiting Hepatitis B Virus Replication
; FILE REFERENCE: 400/075 (MBH00-845-1)
; CURRENT APPLICATION NUMBER: US/10/342,902
; PRIOR FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/877,478
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 09/531,025
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: US 09/636,385
; PRIOR FILING DATE: 2000-08-09
; PRIOR APPLICATION NUMBER: US 09/696,347
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/436,430
; PRIOR FILING DATE: 1999-11-08
; NUMBER OF SEQ ID NOS: 6592
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO: 1413
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B virus
US-10-342-902-1413
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
Qy      553 AGCGGAGAGAGCTGCT 568
Db      16  AGGAGGAGAGAGCTGCT 1
```

```
RESULT 1042
US-10-669-841-685/c
; Sequence 685, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MBH02-249-B)
; CURRENT APPLICATION NUMBER: US/10/669,841
; PRIOR FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
```

```

; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; PRIOR FILING DATE: 2000-02-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 685
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-685

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      553 AGCGGAGAGAGCTGCT 568
Db      17 AGGAGGAGGAGCTGCT 2

RESULT 1043
US-10-669-841-1413/c
; Sequence 1413, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; PRIOR FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1413
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Hepatitis B Virus
US-10-669-841-1413

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```

QY      553 AGCGGAGAGAGCTGCT 568
Db      16 AGGAGGAGGAGCTGCT 1

RESULT 1044
US-10-669-841-5496/c
; Sequence 5496, Application US/10669841
; Publication No. US20040127446A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: Lawrence, Blatt
; APPLICANT: Dennis, Macejak
; APPLICANT: James, McSwiggen
; APPLICANT: David, Morrissey
; APPLICANT: Pamela, Pavco
; APPLICANT: Patrice, Lee
; APPLICANT: Kenneth, Draper
; APPLICANT: Elisabeth, Roberts
; TITLE OF INVENTION: OLIGONUCLEOTIDE MEDIATED INHIBITION OF HEPATITIS B VIRUS AND HEP
; FILE REFERENCE: 400/042US (MHB02-249-E)
; CURRENT APPLICATION NUMBER: US/10/669,841
; PRIOR FILING DATE: 2003-09-23
; PRIOR APPLICATION NUMBER: PCT/US02/09187
; PRIOR FILING DATE: 2002-03-26
; PRIOR APPLICATION NUMBER: US 60/296,876
; PRIOR FILING DATE: 2001-06-08
; PRIOR APPLICATION NUMBER: US 60/335,059
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: US 60/337,055
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 09/817,879
; PRIOR FILING DATE: 2001-03-26
; PRIOR APPLICATION NUMBER: US 09/740,332
; PRIOR FILING DATE: 2000-12-18
; PRIOR APPLICATION NUMBER: US 09/611,931
; PRIOR FILING DATE: 2000-07-07
; PRIOR APPLICATION NUMBER: US 09/504,321
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 16207
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5496
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid
; NAME/KEY: misc_feature
; LOCATION:
; OTHER INFORMATION: oligonucleotide substrate
US-10-669-841-5496

Query Match          0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4872 GCCTGTGCCAGGTTCC 4887
Db      16 GCCCGTCCAGGTTCC 1

RESULT 1045
US-10-723-361-1344
; Sequence 1344, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
```



```
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 1344
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-1344

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 771 AAGGAGAAACATGCG 786
Db 2 AAGGAGAAACATGCG 17

RESULT 1046
US-10-723-361-1348
Sequence 1348, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
```

```
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 1348
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-1348

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 774 AAGGAGAAACATGGGCG 789
Db 1 AAGGAGAAACATGGGCG 16

RESULT 1047
US-10-723-361-6703/C
Sequence 6703, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 6703
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
```

PRIOR FILING DATE: 2000-05-26
 PRIOR APPLICATION NUMBER: GB 24263.6
 PRIOR FILING DATE: 2000-10-04
 PRIOR APPLICATION NUMBER: US 60/236,359
 PRIOR FILING DATE: 2000-09-27
 PRIOR APPLICATION NUMBER: PCT/US01/006666
 PRIOR FILING DATE: 2001-01-30
 PRIOR APPLICATION NUMBER: PCT/US01/006671

PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 7086
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-7086

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 550 CCAAGCGGAGAGCT 565
Db 1 CCAAGGAGAGAGCT 16

RESULT 1051
US-10-723-361-8197/c

Sequence 8197, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 8197
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-8197

Query Match 0.3%; Score 14.4; DB 1; Length 17;

Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3874 TCAAGCTTCAGATC 3889
Db 17 TCAAGCTTCAGATC 2

RESULT 1052

US-10-723-361-8199/c
Sequence 8199, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART
FILE REFERENCE: PB0105
CURRENT APPLICATION NUMBER: US/10/723,361
CURRENT FILING DATE: 2003-11-26
PRIOR APPLICATION NUMBER: US 09/866,108
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 15755
SOFTWARE: Aeomica Sequence Listing Engine
SEQ ID NO 8199
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-723-361-8199

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 3873 ATCAAGCTTCAGAT 3888
Db 16 ATCAAGCTTCAGAT 1

RESULT 1053
US-10-723-361-8201/c
Sequence 8201, Application US/10723361
Publication No. US20040137589A1
GENERAL INFORMATION:

APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharron G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng

```
APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PR0105
; CURRENT APPLICATION NUMBER: US/10/723.361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8201
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8201

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3870 CCCATCAAGCCTTCCA 3885
Db 17 CCGATCAAGCCTTCCA 2

RESULT 1054
US-10-723-361-8202/C
; Sequence 8202, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PR0105
; CURRENT APPLICATION NUMBER: US/10/723.361
; CURRENT FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
```

```
PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aeomica Sequence Listing Engine
; SEQ ID NO 8202
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-8202

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3870 CCCATCAAGCCTTCCA 3885
Db 16 CCGATCAAGCCTTCCA 1

RESULT 1055
US-10-741-601-26358/C
; Sequence 26358, Application US/10741601
; Publication No. US20040166519A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; FILE REFERENCE: C1001500
; CURRENT APPLICATION NUMBER: US/10/741,601
; CURRENT FILING DATE: 2003-12-22
; NUMBER OF SEQ ID NOS: 26415
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 26358
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-741-601-26358

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 17;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5001 CTCCTCAGCCTGCTG 5016
Db 16 CTCCTCAGCCTGCTG 1

RESULT 1056
US-10-681-074-1095
; Sequence 1095, Application US/10681074
; Publication No. US20040175722A1
; GENERAL INFORMATION:
; APPLICANT: KMEC, ERIC B.
; APPLICANT: VAN BRABANT, ANJA
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
; TITLE OF INVENTION: OLIGONUCLEOTIDE-DIRECTED NUCLEIC ACID SEQUENCE ALTERATION
; FILE REFERENCE: NARPO-18 US
; CURRENT APPLICATION NUMBER: US/10/681,074
; CURRENT FILING DATE: 2003-10-07
; PRIOR APPLICATION NUMBER: US 60/453,360
; PRIOR FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: US 60/416,983
; PRIOR FILING DATE: 2002-10-07
; NUMBER OF SEQ ID NOS: 4375
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1095
; LENGTH: 17
; TYPE: DNA
```

ORGANISM: Homo sapiens
US-10-681-074-1095

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2326 TCAAGCAGCAGCTA 2341
1 TCAAGCAGCAGCTGTA 16

RESULT 1057
US-10-681-074-1096/C
Sequence 1096, Application US/10681074
Publication No. US20040175722A1

GENERAL INFORMATION:
APPLICANT: KMEC, ERIC B.
APPLICANT: VAN BRABANT, ANJA
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR REDUCING SCREENING IN
FILE REFERENCE: NAPI-18 US
CURRENT APPLICATION NUMBER: US/10/681,074
CURRENT FILING DATE: 2003-10-07
PRIOR APPLICATION NUMBER: US 60/453,360
PRIOR FILING DATE: 2003-03-07
PRIOR APPLICATION NUMBER: US 60/416,983
PRIOR FILING DATE: 2002-10-07
NUMBER OF SEQ ID NOS: 4375
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1096

LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-10-681-074-1096

Query Match 0.3%; Score 14.4; DB 1; Length 17;
Best Local Similarity 93.8%; Pred. No. 6.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2326 TCAAGCAGCAGCTA 2341
17 TCAAGCAGCAGCTGTA 2

RESULT 1058

US-09-969-373-1920/C
Sequence 1920, Application US/09969373
Patent No. US20020133852A1

GENERAL INFORMATION:
APPLICANT: Effertz, Roger J.
APPLICANT: Haugue, Brian M.
TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
FILE REFERENCE: 38-10(52679)A
CURRENT APPLICATION NUMBER: US/09/969,373
CURRENT FILING DATE: 2001-10-02
PRIOR APPLICATION NUMBER: US 09/754,853
PRIOR FILING DATE: 2001-01-05
PRIOR APPLICATION NUMBER: US 09/760,427
PRIOR FILING DATE: 2001-01-13
PRIOR APPLICATION NUMBER: US 09/855,768
PRIOR FILING DATE: 2001-05-15
NUMBER OF SEQ ID NOS: 4593
SEQ ID NO 1920
LENGTH: 18
TYPE: DNA
ORGANISM: Glycine max
US-09-969-373-1920

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3612 AAGACGAGGATCCC 3627
18 AAGACGAGGATCCC 3

RESULT 1059

US-09-093-972C-971
Sequence 971, Application US/09093972C
Publication No. US20030087845A1

GENERAL INFORMATION:
APPLICANT: Nyce, Jonathan W.
TITLE OF INVENTION: COMPOSITION, FORMULATIONS & METHOD FOR PREVENTION
& TREATMENT OF DISEASES & CONDITIONS ASSOCIATED WITH
BRONCHOCONSTRICITION, ALLERGY(IES) & INFLAMMATION

NUMBER OF SEQUENCES: 996
CORRESPONDENCE ADDRESS:
ADDRESSEE: EPIGENESIS PHARMACEUTICALS, INC.
STREET: 7 Clarke Drive
City: Cranbury
STATE: New Jersey
COUNTRY: USA
ZIP: 08512

COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/093,972C
FILING DATE: 09-Jun-1998
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 08/757,024
FILING DATE: 26-11-1996
APPLICATION NUMBER: US 08/472,527
FILING DATE: 7-June-1995
APPLICATION NUMBER: US 09/016,464
FILING DATE: 30-January-1998

ATTORNEY/AGENT INFORMATION:
NAME: Amzel, Viviana
REGISTRATION NUMBER: 30,930
REFERENCE/DOCKET NUMBER: EPI-00672
TELECOMMUNICATION INFORMATION:
TELEPHONE: 609-409-3035
TELEFAX: 413-254-9245
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 971:

SEQUENCE CHARACTERISTICS:
LENGTH: 18 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
SEQUENCE DESCRIPTION: SEQ ID NO: 971:
US-09-093-972C-971

Query Match 0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3741 GTGCGCGCGCGCGC 3756
3 GTGCGCGCGCGCGC 18

RESULT 1060

US-10-024-818-10/C
Sequence 10, Application US/10024818
Publication No. US20030096980A1

GENERAL INFORMATION:
APPLICANT: Froehner, Brian

```

; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.
; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; FILE REFERENCE: GLIS0143
; CURRENT APPLICATION NUMBER: US/10/024,818
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: 08/599,738
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-024-818-10

```

```

Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

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```

QY      276 CTCCTTCTCTCTCTCT 291
DB      16 CTTTCTCTCTCTCTCT 1

```

```

RESULT 1061
US-10-005-956-1159/C
; Sequence 1159, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 60/273,037
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1159
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-005-956-1159

```

```

Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      1388 CTCCTTATCCCTTCCA 1403
DB      18 CTCCTTGTCCCTTCCA 3

```

```

RESULT 1062
US-10-294-203-10/C
; Sequence 10, Application US/10294203
; Publication No. US20030170680A1
; GENERAL INFORMATION:
; APPLICANT: Froehner, Brian
; APPLICANT: Wagner, Rick
; APPLICANT: Mateucci, Mark
; APPLICANT: Jones, Robert J.

```

```

; APPLICANT: Gutierrez, Arnold J.
; APPLICANT: Pudlo, Jeff
; TITLE OF INVENTION: Enhanced Triple-Helix And Double-Helix Formation With Oligomers
; FILE REFERENCE: GLIS0155
; CURRENT APPLICATION NUMBER: US/10/294,203
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 08/599,738
; PRIOR FILING DATE: 1996-02-12
; PRIOR APPLICATION NUMBER: 10/024,818
; PRIOR FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-294-203-10

```

```

Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      276 CTCCTTCTCTCTCTCT 291
DB      16 CTTTCTCTCTCTCTCT 1

```

```

RESULT 1063
US-10-297-068-58
; Sequence 58, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hideo
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; APPLICANT: NISHIDA, Michio
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HUA TYPES
; FILE REFERENCE: 1314OP1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01
; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 58
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-58

```

```

Query Match          0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY      408 AGAGCAGCGGCGGC 423
DB      3 AGAGGAAACGGCGGC 18

```

```

RESULT 1064
US-10-349-143-4491/C
; Sequence 4491, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla

```

```
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020C01
; PUBLICATION NO.: US20040005584A1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 4491
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-15374 for SEQ 557,
US-10-349-143-4491
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      1600 AGAAGAGAGAGATCCT 1615
Db      17 AGAAGCAGAGATCCT 2
```

```
RESULT 1065
US-10-349-143-6225/c
; Sequence 6225, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marra
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020C01
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6225
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-10201 for SEQ 2291,
US-10-349-143-6225
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      2755 ACCTGAGTTCATC 2770
Db      17 AACTGAGTTCATC 2
```

```
RESULT 1066
US-10-435-696-154/c
; Sequence 154, Application US/10435566
; Publication No. US20040018525A1
; GENERAL INFORMATION:
; APPLICANT: Wirtz, Ralph
; APPLICANT: Munnes, Marc
; APPLICANT: Kallabis, Harald
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSI
; PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
; FILE REFERENCE: Lea 36 108
; CURRENT APPLICATION NUMBER: US/10/435,696
; CURRENT FILING DATE: 2003-05-09
; PRIOR APPLICATION NUMBER: EP03003112.4
; PRIOR FILING DATE: 2003-02-13
; PRIOR APPLICATION NUMBER: EP02010291.9
; PRIOR FILING DATE: 2002-05-21
; NUMBER OF SEQ ID NOS: 314
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 154
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: PCR primer
US-10-435-696-154
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 18;
Best Local Similarity 93.8%; Pred. No. 7.6e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
OY      4203 AGGAAGGGGCTAGCT 4218
Db      18 AGGAAGGGGCTAGCT 3
```

```
RESULT 1067
US-09-791-932-157
; Sequence 157, Application US/09791932
; Publication No. US20030003451A1
; GENERAL INFORMATION:
; APPLICANT: Vogel, Gabriel
; APPLICANT: Parodi, Luis A.
; APPLICANT: Hiesch, Ronald R.
; APPLICANT: Lind, Peter
; APPLICANT: Kaytes, Paul S.
; APPLICANT: Huff, Valerie
; APPLICANT: Wood, Linda S.
; TITLE OF INVENTION: No. US20030003451A1 G Protein-Coupled Receptors Cross-Refere
; FILE REFERENCE: 00325-US1
; CURRENT APPLICATION NUMBER: US/09/791,932
; CURRENT FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: 60/184,305
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,304
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,303
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,397
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/184,247
; PRIOR FILING DATE: 2000-02-23
; PRIOR APPLICATION NUMBER: 60/188,880
; PRIOR FILING DATE: 2000-03-13
; PRIOR APPLICATION NUMBER: 60/217,369
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/217,370
; PRIOR FILING DATE: 2000-07-11
; PRIOR APPLICATION NUMBER: 60/218,492
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: 60/186,810
; PRIOR FILING DATE: 2000-03-03
```

```
; PRIOR APPLICATION NUMBER: 60/188,064
; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: 60/186,457
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: 60/213,861
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: 60/194,344
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 60/218,337
; PRIOR FILING DATE: 2000-07-14
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 157
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Primer
US-09-791-932-157
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1225 ACCAGCAGCTCTCCCC 1240
DB      4 ACCAGCAGCTCTCTCAC 19
```

```
RESULT 1068
US-10-118-783-11/c
; Sequence 11, Application US/10118783
; Publication No. US20030096255A1
; GENERAL INFORMATION:
; APPLICANT: Felix, Carolyn A.
; APPLICANT: Jones, Douglas H.
; APPLICANT: Rappaport, Eric
; TITLE OF INVENTION: Methods and kits for Analysis of
; TITLE OF INVENTION: Chromosomal Rearrangements Associated with Cancer
; FILE REFERENCE: CHOP-0003 CIP
; CURRENT APPLICATION NUMBER: US/10/118,783
; CURRENT FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 09/026,033
; PRIOR FILING DATE: 1998-02-19
; NUMBER OF SEQ ID NOS: 95
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 11
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-118-783-11
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      4937 GCCCCCCCAACATGTAT 4952
DB      16 GCCACCCACATGTAT 1
```

```
RESULT 1069
US-10-349-320-18/c
; Sequence 18, Application US/10349320
; Publication No. US20030190654A1
; GENERAL INFORMATION:
; APPLICANT: Heidenreich, Olaf
; TITLE OF INVENTION: DOUBLE-STRANDED RNA (dsRNA) AND METHOD OF USE
; FILE REFERENCE: 20200/2112
; CURRENT APPLICATION NUMBER: US/10/349,320
; CURRENT FILING DATE: 2003-01-22
```

```
; PRIOR APPLICATION NUMBER: DE 102 02 419.7
; PRIOR FILING DATE: 2002-01-22
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 18
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-349-320-18
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      819 CTGAGAGAGAGAGACA 834
DB      19 CTGAGAGAGAGAGACA 4
```

```
RESULT 1070
US-10-339-674-3476
; Sequence 3476, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 3476
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (4580762)...(4580781)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 4602
US-10-339-674-3476
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 19;
Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3754 GGCTGCGCTCTTCAC 3769
DB      1 GGCTGCGCTCGTTCAC 16
```

```
RESULT 1071
US-10-339-674-3477
; Sequence 3477, Application US/10339674
; Publication No. US20030204318A1
; GENERAL INFORMATION:
; APPLICANT: Feldmann, Richard J.; Global Determinants, Inc.
; TITLE OF INVENTION: Escherichia coli K-12 MG1655 complete genome.
; FILE REFERENCE: Jim Zegeer Law Offices - 703-684-8333
; CURRENT APPLICATION NUMBER: US/10/339,674
; CURRENT FILING DATE: 2003-06-06
; NUMBER OF SEQ ID NOS: 3537
; SOFTWARE: Proprietary
; SEQ ID NO 3477
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Escherichia coli K-12 MG1655 complete genome.
; FEATURE:
; LOCATION: (4580762)...(4580781)
; OTHER INFORMATION: Chromosome = 1 Strand = negative ConnectronObjectNumber = 4601
US-10-339-674-3477
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 19;
```


Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 3754 GGCTGCGCTCCTTCAC 3769

Db 1 GGCTGCGCTCCTTCAC 16

RESULT 1072

US-10-444-925-404
; Sequence 404, Application US/10444925
; Publication No. US2004000946A1
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444,925
; CURRENT FILING DATE: 2003-05-23
; NUMBER OF SEQ ID NOS: 599
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 404
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Small interfering RNA
US-10-444-925-404

Query Match 0.3%; Score 14.4; DB 1; Length 19;

Best Local Similarity 68.8%; Pred. No. 8.2e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY 4873 CCTGTGCCAGTTC 4888

Db 4 CCTGTGCCAGTTC 19

RESULT 1073

US-10-382-634-19/c
; Sequence 19, Application US/10382634
; Publication No. US20040038921A1
; GENERAL INFORMATION:
; APPLICANT: Kreutzler, Roald
; TITLE OF INVENTION: Composition and Method for Inhibiting Expression of a Target Gene
; FILE REFERENCE: 20200/2062
; CURRENT APPLICATION NUMBER: US/10/382,634
; CURRENT FILING DATE: 2003-03-07
; PRIOR APPLICATION NUMBER: DE 101 55 280.7
; PRIOR FILING DATE: 2001-10-26
; PRIOR APPLICATION NUMBER: DE 101 58 411.3
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: DE 101 60 151.4
; PRIOR FILING DATE: 2001-12-07
; PRIOR APPLICATION NUMBER: DE 102 30 996.5
; PRIOR FILING DATE: 2002-07-09
; PRIOR APPLICATION NUMBER: PCT/EP02/00152
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: PCT/EP02/00151
; PRIOR FILING DATE: 2002-01-09
; PRIOR APPLICATION NUMBER: PCT/EP02/11971
; PRIOR FILING DATE: 2002-10-25
; NUMBER OF SEQ ID NOS: 21
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 19
; LENGTH: 19
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: PRIMER
US-10-382-634-19

Query Match 0.3%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 819 CTGAGAGAGAGACA 834

Db 19 CTGAGAGAGAGACA 4

RESULT 1074

US-10-382-248-55/c
; Sequence 55, Application US/10382248
; Publication No. US20040058347A1
; GENERAL INFORMATION:
; APPLICANT: Alebrook, et al.
; TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 21402-568C
; CURRENT APPLICATION NUMBER: US/10/382,248
; CURRENT FILING DATE: 2003-03-05
; PRIOR APPLICATION NUMBER: 60/366,928
; PRIOR FILING DATE: 2002-03-22
; PRIOR APPLICATION NUMBER: 60/361,974
; PRIOR FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: 60/365,477
; PRIOR FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 60/401,661
; PRIOR FILING DATE: 2002-08-06
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Curaseqlet version 0.1
; SEQ ID NO 55
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-382-248-55

Query Match 0.3%; Score 14.4; DB 1; Length 19;

Best Local Similarity 93.8%; Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1602 AAGAGAGATCCTGC 1617

Db 16 AAGAGAGATCCTGC 1

RESULT 1075

US-10-665-951-1708
; Sequence 1708, Application US/10665951
; Publication No. US2004018163A1
; GENERAL INFORMATION:
; APPLICANT: Kreutzler, Roald
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/399,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/393,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747

PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1708
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-1708

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 19;
Pred. No. 8.2e+02;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 5006 CAGCCTGCTGCGCAGG 5021
DB 3 CAGCCTGCGCCGCGAG 18

RESULT 1076
US-10-665-951-1955/c
Publication 1955, Application US/10665951
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics, Inc.
APPLICANT: McSwigen, James
APPLICANT: Beigelman, Leonid
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
FILE REFERENCE: 400/131 (MBH02-742-F)
CURRENT FILING DATE: 2003-09-18
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1955
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region

US-10-665-951-1955

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 19;
Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5006 CAGCCTGCTGCGCAGG 5021
DB 17 CAGCCTGCGCCGCGAG 2

RESULT 1077
US-10-683-990-59/c
Publication 59, Application US/10683990
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics
APPLICANT: McSwigen, James
APPLICANT: Ueman, Nasim
APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/134 (02-742-H)
CURRENT FILING DATE: 2003-10-10
PRIOR FILING DATE: 2003-10-10
PRIOR APPLICATION NUMBER: PCT/US03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 256
SOFTWARE: PatentIn version 3.2
SEQ ID NO 59
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-683-990-59

Query Match
Best Local Similarity 0.3%; Score 14.4; DB 1; Length 19;
Pred. No. 8.2e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 273 TCTCTTCTCTCTC 288
DB 17 TCTCTTCTCTCTC 2

RESULT 1078
US-10-683-990-156
Publication 156, Application US/10683990
GENERAL INFORMATION:
APPLICANT: Sirna Therapeutics
APPLICANT: McSwigen, James
APPLICANT: Ueman, Nasim

```

APPLICANT: Pavco, Pamela
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Placental Growth Factor
TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
FILE REFERENCE: 400/134 (02-742-H)
CURRENT FILING DATE: 2003-10-10
PRIOR APPLICATION NUMBER: PCT/US03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/406,784
PRIOR FILING DATE: 2002-08-29
PRIOR APPLICATION NUMBER: US 60/408,378
PRIOR FILING DATE: 2002-09-05
PRIOR APPLICATION NUMBER: US 60/409,293
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 60/440,129
PRIOR FILING DATE: 2003-01-15
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 256
SOFTWARE: Patencin version 3.2
SEQ ID NO 156
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-683-990-156

```

Query Match	Similarity	Score	DB 1	Length
Best Local	7; Conservative	43.8%;	Pred. No. 8.2e+02;	Indels 0; Gaps 0;
Matches	7; Conservative	8; Mismatches	1; Indels	0; Gaps

Db	273	TCTCTCTTCTCTCTC	288
	:	: : : : :	
3	UCUCUCUCUCUCUCAC	18	

RESULT 1079
US-09-820-198-3
Sequence 3, Application US/09820198
Publication No. US20020045558A1
GENERAL INFORMATION:
APPLICANT: Bickenbach, Jackie R.
TITLE OF INVENTION: Method to isolate epidermal stem cells
FILE REFERENCE: 875.029U51
CURRENT APPLICATION NUMBER: US/09/820,198
CURRENT FILING DATE: 2001-03-28
PRIOR APPLICATION NUMBER: US 60/192754
PRIOR FILING DATE: 2000-03-28
NUMBER OF SEQ ID NOS: 4
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 3
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: A primer
US-09-820-198-3

Query Match	Similarity	Score	DB 1	Length
Best Local	15; Conservative	93.8%;	Pred. No. 8.9e+02;	Indels 0; Gaps 0;
Matches	15; Conservative	0; Mismatches	1; Indels	0; Gaps

[illegible]

```
FILE REFERENCE: RTS-0097
CURRENT APPLICATION NUMBER: US/09/791,406
CURRENT FILING DATE: 2001-02-22
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-406-36
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      1406 CACCTTTGAGGTGAAG 1421
Db      16 CACCTATGAGGTGAAG 1
```

```
RESULT 1082
US-09-791-942-51
; Sequence 51, Application US/09791942
; Patent No. US20020147166A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Robert Rothlein
; APPLICANT: Takashi Kei Kishimoto
; APPLICANT: Lex M. Coweart
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0099
; CURRENT APPLICATION NUMBER: US/09/791,942
; CURRENT FILING DATE: 2001-02-22
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-791-942-51
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2296 CCTGGAGGCGCAAAAC 2311
Db      1 CCGGAGGAGCGACAC 16
```

```
RESULT 1083
US-09-993-333-6
; Sequence 6, Application US/09993333
; Patent No. US20020156040A1
; GENERAL INFORMATION:
; APPLICANT: Oberley, Larry Wayne
; APPLICANT: Weydert, Christine J.
; APPLICANT: Smith, Benjamin Barnes
; TITLE OF INVENTION: Reduction of antioxidant enzyme levels in tumor cells using antisense
; FILE REFERENCE: 875, 042US1
; CURRENT APPLICATION NUMBER: US/09/993,333
; CURRENT FILING DATE: 2001-11-14
; PRIOR APPLICATION NUMBER: US 60/248,328
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
```

```
US-09-993-333-6
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3708 GAGGCTGATCGCGCG 3723
Db      4 GAGGCTCATCGCGCG 19
```

```
RESULT 1084
US-09-906-158-72/c
; Sequence 72, Application US/09906158
; Publication No. US20030078217A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR-BETA 3 EXPRESSION
; FILE REFERENCE: RTS-0257
; CURRENT APPLICATION NUMBER: US/09/906,158
; CURRENT FILING DATE: 2001-07-14
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-906-158-72
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      2729 GAAGACCAAGTCCAG 2744
Db      16 GAAGACCAAGTCCAG 1
```

```
RESULT 1085
US-09-953-047-57/c
; Sequence 57, Application US/09953047
; Publication No. US20030087854A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: Jacqueline Wyalt
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRESSION
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/09/953,047
; CURRENT FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-047-57
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      435 GAGGGGCTCCGCTCC 450
Db      16 GAGGGGCTCTGCTCC 1
```

```
RESULT 1086
US-09-882-945A-8
; Sequence 8, Application US/09882945A
; Publication No. US20030143535A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Iyamichev, Victor
; APPLICANT: Allawi, Hatim
; APPLICANT: Dong, Fang
; APPLICANT: Neri, Bruce
; APPLICANT: Veneri, Tatiana
; TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
; FILE REFERENCE: FORS-04586
; CURRENT APPLICATION NUMBER: US/09/882,945A
; NUMBER OF SEQ ID NOS: 334
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-882-945A-8
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3342 GACCAAGCCGCCAAG 3357
Db       2 GACCAAGCCGCCAAG 17
```

```
RESULT 1087
US-09-974-026-41/C
; Sequence 41, Application US/09974026
; Publication No. US20030194398A1
; GENERAL INFORMATION:
; APPLICANT: Tamburini, Paul P
; APPLICANT: Davis, Gary
; APPLICANT: Delaria, Katherine A
; APPLICANT: Christopher, Marlor W
; APPLICANT: Daniel, Muller K
; TITLE OF INVENTION: Human Btkunin
; FILE REFERENCE: 96-223-22
; CURRENT APPLICATION NUMBER: US/09/974,026
; CURRENT FILING DATE: 2001-10-10
; PRIOR APPLICATION NUMBER: US 09/144,428
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: PCT/US97/03894
; PRIOR FILING DATE: 1997-03-10
; PRIOR APPLICATION NUMBER: US 08/725,251
; PRIOR FILING DATE: 1996-10-04
; PRIOR APPLICATION NUMBER: US 60/019,793
; PRIOR FILING DATE: 1996-06-14
; PRIOR APPLICATION NUMBER: US 60/013,106
; PRIOR FILING DATE: 1996-03-11
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Gene specific DNA sequencing primer.
US-09-974-026-41
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      3479 GTCAAGCCCAAGTAC 3494
Db       18 GCAAGCCCAAGTAC 3
```

RESULT 1088

```
US-10-116-949-73/C
; Sequence 73, Application US/10116949
; Publication No. US20030044911A1
; GENERAL INFORMATION:
; APPLICANT: Lerman, Michael I.
; APPLICANT: Minna, John D.
; APPLICANT: Latif, Farida
; APPLICANT: Wei, Ming-Hui
; APPLICANT: Sekido, Yoshitaka
; APPLICANT: Gao, Boning
; APPLICANT: Duh, Fun-Mei
; TITLE OF INVENTION: Calcium Channel Compositions and Methods of Use Thereof
; FILE REFERENCE: NIH-05043
; CURRENT APPLICATION NUMBER: US/10/116,949
; CURRENT FILING DATE: 2002-04-05
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US/09/470,443
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/114,359
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-12-30
; NUMBER OF SEQ ID NOS: 114
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 73
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-116-949-73
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      315 GGAAGTTCTCCGAGC 330
Db       18 GGAAGTTCTCTGCAGC 3
```

```
RESULT 1089
US-10-006-366-21/C
; Sequence 21, Application US/10006366
; Publication No. US20030125273A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF MHC CLASS II TRANSCRIPTIVATOR EXPRESSION
; FILE REFERENCE: RTS-0332
; CURRENT APPLICATION NUMBER: US/10/006,366
; CURRENT FILING DATE: 2001-11-05
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-366-21
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
QY      710 GGCATCCGAAGGCGTC 725
Db       18 GGCATCCGAAGGCGATC 3
```

```
RESULT 1090
US-10-032-585-585/C
; Sequence 585, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
```

```
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5855
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5855

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3774 TCATCTCTGCGCAGG 3789
Db      19 TCATCTCTGCGCAGG 4

RESULT 1091
US-10-388-263-521/c
; Sequence 521, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeil, John
; APPLICANT: Freiler, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; CURRENT FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for windows Version 4.0
; SEQ ID NO 521
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-521

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2729 GAAGACCAAGTCCAG 2744
Db      16 GAAGACCAAGTCCAG 1

RESULT 1092
US-10-178-258-27/c
; Sequence 27, Application US/10178258
; Publication No. US20030235913A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION
; FILE REFERENCE: HTS-0010
; CURRENT APPLICATION NUMBER: US/10/178,258

; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 66
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-178-258-27

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1665 CAGTCTCTGCAGCAGA 1680
Db      19 CAGTCTCTGCAGCAGA 4

RESULT 1093
US-10-178-258-54
; Sequence 54, Application US/10178258
; Publication No. US20030235913A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF HEME OXYGENASE 1 EXPRESSION
; FILE REFERENCE: HTS-0010
; CURRENT APPLICATION NUMBER: US/10/178,258
; CURRENT FILING DATE: 2002-06-20
; NUMBER OF SEQ ID NOS: 66
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-178-258-54

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1665 CAGTCTCTGCAGCAGA 1680
Db      2 CAGTCTCTGCAGCAGA 17

RESULT 1094
US-10-349-143-9824/c
; Sequence 9824, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 9824
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: primer_bind
```

LOCATION: 1..20
OTHER INFORMATION: downstream amplification primer 99-7642 for SEQ 1959, in complement
US-10-349-143-9824

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4973 GTCCTCTGCTGCTC 4988
DB 17 GTTTTCTGCTGCTC 2

RESULT 1095
US-10-190-366-30/C
Sequence 30, Application US/10190366
Publication No. US20040006031A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
FILE REFERENCE: PTS-0023
CURRENT APPLICATION NUMBER: US/10/190,366
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 409
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-190-366-30

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 CGAGTTTACAGAG 776
DB 16 CGAGTTTACAGAG 1

RESULT 1096
US-10-190-366-227
Sequence 227, Application US/10190366
Publication No. US20040006031A1
GENERAL INFORMATION:
APPLICANT: Nicholas M. Dean
APPLICANT: Susan M. Freier
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF HMG-COA REDUCTASE EXPRESSION
FILE REFERENCE: PTS-0023
CURRENT APPLICATION NUMBER: US/10/190,366
CURRENT FILING DATE: 2002-07-02
NUMBER OF SEQ ID NOS: 409
SEQ ID NO 227
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-190-366-227

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 761 CGAGTTTACAGAG 776
DB 5 CGAGTTTACAGAG 20

RESULT 1097

US-10-289-762-4351
Sequence 4351, Application US/10289762
Publication No. US20040006218A1
GENERAL INFORMATION:
APPLICANT: Griffiths, R.
TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment thereof and uses thereof, in particular for the diagnosis, prevention and treatment of infection
FILE REFERENCE: 9710-003-999
CURRENT APPLICATION NUMBER: US/10/289,762
CURRENT FILING DATE: 2003-03-27
NUMBER OF SEQ ID NOS: 6849
SEQ ID NO 4351
LENGTH: 20
TYPE: DNA
ORGANISM: Chlamydia pneumoniae
US-10-289-762-4351

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1620 AAGCAATATGTTTGG 1635
DB 2 AAGCAATATGTTTGG 17

RESULT 1098
US-10-199-221-35
Sequence 35, Application US/10199221
Publication No. US20040014048A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
FILE REFERENCE: PTS-0009
CURRENT APPLICATION NUMBER: US/10/199,221
CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 101
SEQ ID NO 35
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-221-35

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2695 GACAGATTGATTCT 2710
DB 2 GACAGATTGATTCT 17

RESULT 1099
US-10-199-221-92/C
Sequence 92, Application US/10199221
Publication No. US20040014048A1
GENERAL INFORMATION:
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowser
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
FILE REFERENCE: PTS-0009
CURRENT APPLICATION NUMBER: US/10/199,221
CURRENT FILING DATE: 2002-07-18
NUMBER OF SEQ ID NOS: 101
SEQ ID NO 92
LENGTH: 20
TYPE: DNA

```
; ORGANISM: H. sapiens
; FEATURE:
US-10-199-221-92

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2695 GACAGATTGAGTTTCT 2710
DB 19 GACAGATTGAGTTTCT 4

RESULT 1100
US-10-200-293-56/c
; Sequence 56, Application US/10200293
; Publication No. US20040014699A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRM EXPRESSION
; FILE REFERENCE: PTS-0040
; CURRENT APPLICATION NUMBER: US/10/200,293
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-200-293-56

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4825 TTCTCCAGTGGAGAGA 4840
DB 16 TTCTCCAGTGGAGAGA 1

RESULT 1101
US-10-200-293-104
; Sequence 104, Application US/10200293
; Publication No. US20040014699A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF PTPRM EXPRESSION
; FILE REFERENCE: PTS-0040
; CURRENT APPLICATION NUMBER: US/10/200,293
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 104
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-200-293-104

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4825 TTCTCCAGTGGAGAGA 4840
DB 5 TTCTCCAGTGGAGAGA 20

RESULT 1102
US-10-379-008-15/c
; Sequence 15, Application US/10379008
; Publication No. US20040018511A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Cai, Li
; APPLICANT: Taylor, Jerry
; APPLICANT: Smyth, Kerrie-Ann
; APPLICANT: Findelsen, Brian
; APPLICANT: Lehn, Cathi
; APPLICANT: Davis, Scott
; APPLICANT: Davis, Sara
; TITLE OF INVENTION: Quantitative Trait Loci and Somatostatin
; FILE REFERENCE: TAMK:262 12740.0262.NPUS01
; CURRENT APPLICATION NUMBER: US/10/379,008
; CURRENT FILING DATE: 2003-03-04
; PRIOR APPLICATION NUMBER: 60/361,589
; PRIOR FILING DATE: 2002-03-04
; NUMBER OF SEQ ID NOS: 27
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Bovine SST primer
US-10-379-008-15

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1387 CCTCCCTTATCCCTCC 1402
DB 16 CCTCCCTTATCCCTCC 1

RESULT 1103
US-10-210-479-67/c
; Sequence 67, Application US/10210479
; Publication No. US20040023380A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monla
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF G PROTEIN-COUPLED RECEPTOR 6 EXPRESSION
; FILE REFERENCE: RTS-0385
; CURRENT APPLICATION NUMBER: US/10/210,479
; CURRENT FILING DATE: 2002-07-31
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 67
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-210-479-67

Query Match
Best Local Similarity 93.8%; DB 1; Length 20;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4900 CGAGTGGGCGACCAT 4915
DB 16 CGTGTGGGCGACCAT 1

RESULT 1104
US-10-379-747-35/c
; Sequence 35, Application US/10379747
; Publication No. US20040023874A1
; GENERAL INFORMATION:
; APPLICANT: Burgess, Catherine E.;
; APPLICANT: Chant, John S.;
; APPLICANT: Chaudhuri, Amitabha;
; APPLICANT: Edinger, Shlomit R.;
; APPLICANT: Gangolli, Bsha A.;
; APPLICANT: Malyankar, Uriel M.;
```



```
; APPLICANT: Miller, Charles E.;
; APPLICANT: Ooi, Chean Eng;
; APPLICANT: Ort, Tatiana A.;
; APPLICANT: Paturajan, Meera;
; APPLICANT: Rastelli, Luca;
; APPLICANT: Rieger, Daniel K.;
; APPLICANT: Shinkets, Richard A.;
; APPLICANT: Zehrsen, Bryan D.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-568B
; CURRENT APPLICATION NUMBER: US/10/379,747
; PRIOR FILING DATE: 2003-03-05
; PRIOR APPLICATION NUMBER: 60/365,034
; PRIOR FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: 60/366,420
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: 60/365,477
; PRIOR FILING DATE: 2002-03-19
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: CuraSeqdist version 0.1
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-379-747-35

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 736 TCTTCACCAAGCTGGA 751
DB 20 TCTTCATCAAGCTGGA 5

RESULT 1105
US-10-379-747-38/c
; Sequence 38, Application US/10379747
; Publication No. US20040023874A1
; GENERAL INFORMATION:
; APPLICANT: Burgess, Catherine E.;
; APPLICANT: Chaudhuri, Amitabha;
; APPLICANT: Edinger, Shlomit R.;
; APPLICANT: Gangoli, Esha A.;
; APPLICANT: Malyankar, Uriel M.;
; APPLICANT: Miller, Charles E.;
; APPLICANT: Ooi, Chean Eng;
; APPLICANT: Ort, Tatiana A.;
; APPLICANT: Paturajan, Meera;
; APPLICANT: Rastelli, Luca;
; APPLICANT: Rieger, Daniel K.;
; APPLICANT: Shinkets, Richard A.;
; APPLICANT: Zehrsen, Bryan D.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-568B
; CURRENT APPLICATION NUMBER: US/10/379,747
; PRIOR FILING DATE: 2003-03-05
; PRIOR APPLICATION NUMBER: 60/365,034
; PRIOR FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: 60/366,420
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: 60/365,477
; PRIOR FILING DATE: 2002-03-19
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: CuraSeqdist version 0.1
; SEQ ID NO 38
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
```

```
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-379-747-38

Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 736 TCTTCACCAAGCTGGA 751
DB 20 TCTTCATCAAGCTGGA 5

RESULT 1106
US-10-379-747-41/c
; Sequence 41, Application US/10379747
; Publication No. US20040023874A1
; GENERAL INFORMATION:
; APPLICANT: Burgess, Catherine E.;
; APPLICANT: Chaudhuri, Amitabha;
; APPLICANT: Edinger, Shlomit R.;
; APPLICANT: Gangoli, Esha A.;
; APPLICANT: Malyankar, Uriel M.;
; APPLICANT: Miller, Charles E.;
; APPLICANT: Ooi, Chean Eng;
; APPLICANT: Ort, Tatiana A.;
; APPLICANT: Paturajan, Meera;
; APPLICANT: Rastelli, Luca;
; APPLICANT: Rieger, Daniel K.;
; APPLICANT: Shinkets, Richard A.;
; APPLICANT: Zehrsen, Bryan D.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-568B
; CURRENT APPLICATION NUMBER: US/10/379,747
; PRIOR FILING DATE: 2003-03-05
; PRIOR APPLICATION NUMBER: 60/365,034
; PRIOR FILING DATE: 2002-03-15
; PRIOR APPLICATION NUMBER: 60/366,420
; PRIOR FILING DATE: 2002-03-21
; PRIOR APPLICATION NUMBER: 60/365,477
; PRIOR FILING DATE: 2002-03-19
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: CuraSeqdist version 0.1
; SEQ ID NO 41
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-379-747-41
```

```
Query Match
Best Local Similarity 93.8%; Score 14.4; DB 1; Length 20;
Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 736 TCTTCACCAAGCTGGA 751
DB 20 TCTTCATCAAGCTGGA 5

RESULT 1107
US-10-211-179-29
; Sequence 29, Application US/10211179
; Publication No. US20040023906A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTRANSYL PHOSPHATASE ACTIVATOR EXP
; FILE REFERENCE: PFS-0011
; CURRENT APPLICATION NUMBER: US/10/211,179
; PRIOR FILING DATE: 2002-08-01
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 29
```

```

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-179-29

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1176 GAAGTCATCCGACCC 1191
Db      3 GAAGTCATCCGACCC 18

RESULT 1108
US-10-630-401-57/c
; Sequence 57, Application US/10630401
; Publication No. US20040048824A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; TITLE OF INVENTION: ANTISENSE MODULATION OF FIBROBLAST GROWTH FACTOR RECEPTOR 3 EXPRE
; FILE REFERENCE: RTS-0157
; CURRENT APPLICATION NUMBER: US/10/630,401
; PRIOR FILING DATE: 2003-07-30
; PRIOR APPLICATION NUMBER: US/09/953,047
; PRIOR FILING DATE: 2001-09-10
; NUMBER OF SEQ ID NOS: 95
; SEQ ID NO 57
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-630-401-57

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      435 GAGGGGCTCCGCTCC 450
Db      16 GAGGGGCTCTGCTCC 1

RESULT 1109
US-10-432-101-3/c
; Sequence 3, Application US/10432101
; Publication No. US20040086898A1
; GENERAL INFORMATION:
; APPLICANT: Maruyama, Takaharu
; APPLICANT: Nakamura, Takao
; APPLICANT: Itadani, Hirono
; APPLICANT: Tanaka, Ken-ichi
; TITLE OF INVENTION: GUANOSINE TRIPHOSPHATE (GTP)-BINDING
; TITLE OF INVENTION: PROTEIN-COUPLED RECEPTOR PROTEIN, BG37
; FILE REFERENCE: 14871-088US1
; CURRENT APPLICATION NUMBER: US/10/432,101
; PRIOR FILING DATE: 2003-05-16
; PRIOR APPLICATION NUMBER: PCT/JP01/09512
; PRIOR FILING DATE: 2001-10-30
; PRIOR APPLICATION NUMBER: JP 2000-351741
; PRIOR FILING DATE: 2000-11-17
; PRIOR APPLICATION NUMBER: JP 2001-38619
; PRIOR FILING DATE: 2001-02-15
; PRIOR APPLICATION NUMBER: JP 2001-77000
; PRIOR FILING DATE: 2001-03-16
; NUMBER OF SEQ ID NOS: 38
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 20
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Artificially Synthesized Primer Sequence
US-10-432-101-3

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      4061 CAGGACTGCCATGCAG 4076
Db      16 CAGGACTGCCATGTAG 1

RESULT 1110
US-10-303-325-74
; Sequence 74, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; PRIOR FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-303-325-74

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3760 GCTCCTTCACGCTC 3775
Db      4 GCTCCTTCACGCTC 19

RESULT 1111
US-10-303-325-142/c
; Sequence 142, Application US/10303325
; Publication No. US20040102395A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF IAP-LIKE EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/303,325
; PRIOR FILING DATE: 2002-11-22
; NUMBER OF SEQ ID NOS: 156
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-303-325-142

Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3760 GCTCCTTCACGCTC 3775
Db      17 GCTCCTTCACGCTC 2

RESULT 1112
```

```
US-10-304-125-22/c
; Sequence 22, Application US/10304125
; Publication No. US20040102405A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SQUALENE SYNTHASE EXPRESSION
; FILE REFERENCE: PTS-0056
; CURRENT APPLICATION NUMBER: US/10/304.125
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-304-125-22
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4835 GAGAGATCTGGCCTCA 4850
DB 17 GAGAGTCTGGCCTCA 2

RESULT 1113
US-10-304-125-94
; Sequence 94, Application US/10304125
; Publication No. US20040102405A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SQUALENE SYNTHASE EXPRESSION
; FILE REFERENCE: PTS-0056
; CURRENT APPLICATION NUMBER: US/10/304.125
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 94
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-304-125-94
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4835 GAGAGATCTGGCCTCA 4850
DB 4 GAGAGTCTGGCCTCA 19

RESULT 1114
US-10-316-241-20/c
; Sequence 20, Application US/10316241
; Publication No. US20040110145A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MALTI EXPRESSION
; FILE REFERENCE: HTS-0091
; CURRENT APPLICATION NUMBER: US/10/316.241
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 73
```

```
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-316-241-20
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1132 ACCTGAAGAACTGAC 1147
DB 20 ACCTGAAGAACTGAC 5

RESULT 1115
US-10-316-241-54
; Sequence 54, Application US/10316241
; Publication No. US20040110145A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF MALTI EXPRESSION
; FILE REFERENCE: HTS-0091
; CURRENT APPLICATION NUMBER: US/10/316.241
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-316-241-54
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 1132 ACCTGAAGAACTGAC 1147
DB 1 ACCTGAAGAACTGAC 16

RESULT 1116
US-10-317-249-40
; Sequence 40, Application US/10317249
; Publication No. US20040110155A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sides
; TITLE OF INVENTION: MODULATION OF SLC26A2 EXPRESSION
; FILE REFERENCE: PTS-0460
; CURRENT APPLICATION NUMBER: US/10/317.249
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-317-249-40
Query Match          0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 4786 TCACTTCTTGCTGG 4801
DB 4 TCACTTCTTGCTGG 19
```

```
RESULT 1117
US-10-317-249-117/c
; Sequence 117, Application US/10317249
; Publication No. US20040110155A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Tamara Balac Sipes
; TITLE OF INVENTION: MODULATION OF SLC26A2 EXPRESSION
; FILE REFERENCE: RTS-0460
; CURRENT APPLICATION NUMBER: US/10/317,249
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 164
; SEQ ID NO 117
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-317-249-117

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4786 TCACTTCTTGGTTGG 4801
DB 17 TGAGTCTTGGTTGG 2

RESULT 1118
US-10-415-463-51
; Sequence 51, Application US/10415463
; Publication No. US20040110705A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: C. Frank Bennett
; APPLICANT: Lex M. Cowseert
; TITLE OF INVENTION: ANTISENSE MODULATION OF TALIN EXPRESSION
; FILE REFERENCE: RTS-0198
; CURRENT APPLICATION NUMBER: US/10/415,463
; CURRENT FILING DATE: 2003-11-13
; PRIOR APPLICATION NUMBER: 09/702,251
; PRIOR FILING DATE: 2000-10-30
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-415-463-51

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2296 CCTGGAGGCGAAGC 2311
DB 1 CCTGGAGGCGAGAC 16

RESULT 1119
US-10-774-888-35
; Sequence 35, Application US/10774888
; Publication No. US20040127451A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseert
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
; FILE REFERENCE: PTS-0009
; CURRENT APPLICATION NUMBER: US/10/774,888
```

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; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: US/10/199,221
; PRIOR FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 101
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-774-888-35

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2695 GACAGATTGAGTTCT 2710
DB 2 GACAGATTGAGCTTCT 17

RESULT 1120
US-10-774-888-92/c
; Sequence 92, Application US/10774888
; Publication No. US20040127451A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Lex M. Cowseert
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF DUAL SPECIFIC PHOSPHATASE 6 EXPRESSION
; FILE REFERENCE: PTS-0009
; CURRENT APPLICATION NUMBER: US/10/774,888
; CURRENT FILING DATE: 2004-02-09
; PRIOR APPLICATION NUMBER: US/10/199,221
; PRIOR FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 101
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-774-888-92

Query Match      0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2695 GACAGATTGAGTTCT 2710
DB 19 GACAGATTGAGCTTCT 4

RESULT 1121
US-10-671-395-54
; Sequence 54, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Gierse, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSMAL PROTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 54
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
```

OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-54

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2260 GGTGGGATCTTAA 2275
DB 4 GGTGGGATCTTAA 19

RESULT 1122
US-10-671-395-72
; Sequence 72, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-72

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2260 GGTGGGATCTTAA 2275
DB 5 GGTGGGATCTTAA 20

RESULT 1123
US-10-671-395-1580/c
; Sequence 1580, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1580
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1580

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1534 AGAAATCTGCAGCT 1549
DB 17 AGAAATCTGCAGCT 2

RESULT 1124
US-10-671-395-1700/c
; Sequence 1700, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Glaxo, James K.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671,395
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1700
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1700

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1534 AGAAATCTGCAGCT 1549
DB 16 AGAAATCTGCAGCT 1

RESULT 1125
US-10-619-739-1948/c
; Sequence 1948, Application US/10619739
; Publication No. US20040175719A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic Tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 1948
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-1948

Query Match 0.3%; Score 14.4; DB 1; Length 20;
Best Local Similarity 93.8%; Pred. No. 8.9e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2704 AGTTCTCAGTGCTA 2719
DB 16 AGTGTCTCAGTGCTA 1

RESULT 1126
US-09-802-320A-13/c
; Sequence 13, Application US/09802320A
; Patent No. US20020155446A1

```
/ GENERAL INFORMATION:
/ APPLICANT: Engert, James
/ APPLICANT: Vohl, Marie-Claude
/ APPLICANT: Brewer, Carl
/ APPLICANT: Morgan, Kenneth
/ APPLICANT: Gaudet, Daniel
/ APPLICANT: Hudson, Thomas
/ TITLE OF INVENTION: Very Low Density Lipoprotein Receptor
/ FILE REFERENCE: 2825.2001-001
/ CURRENT APPLICATION NUMBER: US/09/802,320A
/ PRIOR FILING DATE: 2001-03-08
/ PRIOR APPLICATION NUMBER: 60/187,787
/ PRIOR FILING DATE: 2000-03-08
/ NUMBER OF SEQ ID NOS: 22
/ SOFTWARE: FastSeq for Windows Version 4.0
/ SEQ ID NO 13
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Homo sapiens
/ US-09-802-320A-13

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 83.3%; Pred. No. 9.5e+02;
Matches 15; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY      5231 GATGGAAGTCTGCGTAC 5248
DB      21  GATGGAAGTCWGGGTAC 4

RESULT 1127
US-09-842-758-108/c
/ Sequence 108, Application US/09842758
/ GENERAL INFORMATION:
/ APPLICANT: Vernet, Corine A. M.
/ APPLICANT: Fernandes, Elma R.
/ APPLICANT: Gerlach, Valerie
/ APPLICANT: Shimeke, Richard A
/ APPLICANT: Malyankar, Yrfel M
/ APPLICANT: Boldog, Ferenc L
/ APPLICANT: Zerhusen, Bryan D
/ APPLICANT: Spytek, Kimberly A
/ APPLICANT: Majumder, Kumud
/ APPLICANT: Tchernev, Velizar T
/ APPLICANT: Padigaru, Muralidhara
/ APPLICANT: Patnajan, Meera
/ APPLICANT: Burgess, Catherine E
/ APPLICANT: Gangoli, Esha A
/ APPLICANT: Smithson, Glenda
/ APPLICANT: Rastelli, Luca
/ APPLICANT: MacDougall, John R
/ APPLICANT: Tauplier, Raymond J
/ APPLICANT: Grose, William M
/ APPLICANT: Edward, Szekeres S
/ APPLICANT: Alsobrook IT, John P
/ TITLE OF INVENTION: No. US20030083244A1 Proteins and Nucleic Acids Encoding Same
/ FILE REFERENCE: 15966-783
/ CURRENT APPLICATION NUMBER: US/09/842,758
/ PRIOR FILING DATE: 2001-04-25
/ PRIOR APPLICATION NUMBER: 60/200,158
/ PRIOR FILING DATE: 2000-04-26
/ PRIOR APPLICATION NUMBER: 60/200,613
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: 60/200,780
/ PRIOR FILING DATE: 2000-04-28
/ PRIOR APPLICATION NUMBER: 60/201,006
/ PRIOR FILING DATE: 2000-05-01
/ PRIOR APPLICATION NUMBER: 60/201,007
/ PRIOR FILING DATE: 2000-05-01
/ PRIOR APPLICATION NUMBER: 60/201,236
/ PRIOR FILING DATE: 2000-05-01
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/ PRIOR APPLICATION NUMBER: 60/201,238
/ PRIOR FILING DATE: 2000-05-01
/ PRIOR APPLICATION NUMBER: 60/201,186
/ PRIOR FILING DATE: 2000-05-02
/ PRIOR APPLICATION NUMBER: 60/201,474
/ PRIOR FILING DATE: 2000-05-03
/ PRIOR APPLICATION NUMBER: 60/201,508
/ PRIOR FILING DATE: 2000-05-03
/ PRIOR APPLICATION NUMBER: 60/220,591
/ PRIOR FILING DATE: 2000-07-25
/ PRIOR APPLICATION NUMBER: 60/232,678
/ PRIOR FILING DATE: 2000-09-15
/ PRIOR APPLICATION NUMBER: 60/263,217
/ PRIOR FILING DATE: 2001-01-22
/ PRIOR APPLICATION NUMBER: 60/265,160
/ PRIOR FILING DATE: 2001-01-30
/ NUMBER OF SEQ ID NOS: 113
/ SOFTWARE: PatentIn Ver. 2.1
/ SEQ ID NO 108
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: Artificial Sequence
/ FEATURE:
/ OTHER INFORMATION: Description of Artificial Sequence:Ag770 Forward
/ OTHER INFORMATION: Primer
/ US-09-842-758-108

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2583 AGTACGAGGACACTCA 2598
DB      20  AGTACGAGGACGACA 5

RESULT 1128
US-10-005-956-354
/ Sequence 354, Application US/10005956
/ Publication No. US20030113726A1
/ GENERAL INFORMATION:
/ APPLICANT: Bristol-Myers Squibb Company
/ TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
/ FILE REFERENCE: D0053NP
/ CURRENT APPLICATION NUMBER: US/10/005,956
/ PRIOR FILING DATE: 2001-12-03
/ PRIOR APPLICATION NUMBER: 60/251,015
/ PRIOR FILING DATE: 2000-12-04
/ PRIOR APPLICATION NUMBER: 60/263,678
/ PRIOR FILING DATE: 2001-01-23
/ PRIOR APPLICATION NUMBER: 60/273,037
/ PRIOR FILING DATE: 2001-03-02
/ NUMBER OF SEQ ID NOS: 1579
/ SOFTWARE: PatentIn version 3.0
/ SEQ ID NO 354
/ LENGTH: 21
/ TYPE: DNA
/ ORGANISM: homo sapiens
/ US-10-005-956-354

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3164 CAGCCAGACCCCATG 3179
DB      6  CAGCCAGACCCCATG 21

RESULT 1129
US-10-005-956-355
/ Sequence 355, Application US/10005956
/ Publication No. US20030113726A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 355
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-355

Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3164 CAGCCACGACCCCATG 3179
Db      6 CAGCCACGACCTCATG 21

RESULT 1130
US-10-005-956-356
; Sequence 356, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; CURRENT FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 356
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-356

Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

```
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 357
; LENGTH: 21
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-357

Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      3164 CAGCCACGACCCCATG 3179
Db      6 CAGCCACGACCTCATG 21

RESULT 1132
US-10-002-623-305/C
; Sequence 305, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 305
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-002-623-305

Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      2309 AACCATGATCCAAAA 2324
Db      18 AACCATGATCCAAAAA 3

RESULT 1133
US-10-002-623-435/C
; Sequence 435, Application US/10002623
; Publication No. US20030134285A1
; GENERAL INFORMATION:
; APPLICANT: OEFNER, PETER J.
; APPLICANT: UNDERHILL, PETER A.
; TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
; TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
; FILE REFERENCE: STAN-212
; CURRENT APPLICATION NUMBER: US/10/002,623
; CURRENT FILING DATE: 2001-11-01
; PRIOR APPLICATION NUMBER: US 60/245,355
; PRIOR FILING DATE: 2000-11-01
; NUMBER OF SEQ ID NOS: 952
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 435
; LENGTH: 21
```

TYPE: DNA
ORGANISM: Homo Sapiens
US-10-002-623-435

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2309 AACCATCATCCAAAA 2324
Db 18 AACCATGATCCAAAA 3

RESULT 1134
US-10-002-623-469/c
Sequence 469, Application US/10002623
Publication No. US20030134285A1
GENERAL INFORMATION:

APPLICANT: OEFNER, PETER J.
TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
FILE REFERENCE: STAN-212
CURRENT APPLICATION NUMBER: US/10/002,623

PRIOR FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: US 60/245,355
NUMBER OF SEQ ID NOS: 952

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 469

LENGTH: 21

TYPE: DNA
ORGANISM: Homo Sapiens
US-10-002-623-469

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2309 AACCATCATCCAAAA 2324
Db 18 AACCATGATCCAAAA 3

RESULT 1135

US-10-002-623-484/c
Sequence 484, Application US/10002623
Publication No. US20030134285A1
GENERAL INFORMATION:

APPLICANT: OEFNER, PETER J.
TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
FILE REFERENCE: STAN-212
CURRENT APPLICATION NUMBER: US/10/002,623

PRIOR FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: US 60/245,355
NUMBER OF SEQ ID NOS: 952

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 484

LENGTH: 21

TYPE: DNA
ORGANISM: Homo Sapiens
US-10-002-623-484

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2309 AACCATCATCCAAAA 2324

Db 18 AACCATGATCCAAAA 3

RESULT 1136
US-10-002-623-662/c
Sequence 662, Application US/10002623
Publication No. US20030134285A1
GENERAL INFORMATION:

APPLICANT: OEFNER, PETER J.
TITLE OF INVENTION: A METHOD FOR DETERMINING GENETIC
TITLE OF INVENTION: AFFILIATION, SUBSTRUCTURE AND GENE FLOW WITHIN HUMAN
FILE REFERENCE: STAN-212
CURRENT APPLICATION NUMBER: US/10/002,623

PRIOR FILING DATE: 2001-11-01
PRIOR APPLICATION NUMBER: US 60/245,355
NUMBER OF SEQ ID NOS: 952

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 662

LENGTH: 21

TYPE: DNA
ORGANISM: Homo Sapiens
US-10-002-623-662

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2309 AACCATCATCCAAAA 2324
Db 18 AACCATGATCCAAAA 3

RESULT 1137

US-10-184-085A-192
Sequence 192, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:

APPLICANT: GARNER, HAROLD R.
APPLICANT: MINNA, JOHN D.
APPLICANT: LUEBKE, KEVIN, J.

TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A

PRIOR FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
NUMBER OF SEQ ID NOS: 1291

SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 192

LENGTH: 21

TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-192

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1225 ACCAGAGCTCTCC 1240
Db 4 ACCAGAGCTCTCC 19

RESULT 1138
US-10-408-692-24
Sequence 24, Application US/10408692
Publication No. US20030232757A1
GENERAL INFORMATION:

APPLICANT: Rupar, Mark J.
APPLICANT: Donovan, William P.
APPLICANT: Chu, Chih-Rel
APPLICANT: Pease, Elizabeth
APPLICANT: Tan, Yuying
APPLICANT: Stanley, Annette C.
APPLICANT: Baum, James A.
APPLICANT: Malvar, Thomas M.
TITLE OF INVENTION: COLLEPTERAN-TOXIC POLYPEPTIDE COMPOSITIONS AND INSECT RESISTANT
FILE REFERENCE: 11792.0164.DVUS01 (MECO:164--1)
CURRENT APPLICATION NUMBER: US/10/408,692
PRIOR FILING DATE: 2003-04-07
PRIOR APPLICATION NUMBER: 09/563,269
PRIOR FILING DATE: 2000-05-03/172,240
PRIOR APPLICATION NUMBER: 60/117,240
PRIOR FILING DATE: 1999-05-04
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.2
SEQ ID NO 24
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-408-692-24

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 2169 CAATACTATATGACA 2164
Db 4 CAATAATATATGACA 19

RESULT 1139
US-10-174-333-108/C
Sequence 108, Application US/10174333
Publication No. US20040029220A1
GENERAL INFORMATION:
APPLICANT: Vernet, Corine A.M.
APPLICANT: Fernandes, Elma R.
APPLICANT: Gerlach, Valerie
APPLICANT: Malyankar, Uriel M.
APPLICANT: Boldog, Ferenc L.
APPLICANT: Zernusen, Bryan D.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Majumder, Kumud
APPLICANT: Tchernev, Velizar T.
APPLICANT: Padigaru, Muralidhara
APPLICANT: Patturajan, Meera
APPLICANT: Burgess, Catherine E.
APPLICANT: Gangolli, Esha A.
APPLICANT: Smithson, Glenda
APPLICANT: Rastelli, Luca
APPLICANT: MacDougall, John R.
APPLICANT: Taupier, Raymond J.
APPLICANT: Grose, William M.
APPLICANT: Szekeres, Edward S.
APPLICANT: Alsobrook, John P.
APPLICANT: Anderson, David W.
APPLICANT: Guo, Xiaojia (Sasha)
APPLICANT: Li, Li
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 15966-783 CIP1
CURRENT APPLICATION NUMBER: US/10/174,333
PRIOR FILING DATE: 2002-06-18
PRIOR APPLICATION NUMBER: 60/193,664
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: 60/194,614
PRIOR FILING DATE: 2000-04-05

PRIOR APPLICATION NUMBER: 60/195,063
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/195,066
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/195,067
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/195,068
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/195,069
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/195,070
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/195,510
PRIOR FILING DATE: 2000-04-06
PRIOR APPLICATION NUMBER: 60/219,855
PRIOR FILING DATE: 2000-07-21
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 186
SOFTWARE: Curaseq1st version 0.1
SEQ ID NO 108
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence:Ag770 Forward
US-10-174-333-108

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Oy 2583 AGTACCGCGCATCA 2598
Db 20 AGTACCGCGCATCA 5

RESULT 1140
US-10-174-333-184/C
Sequence 184, Application US/10174333
Publication No. US20040029220A1
GENERAL INFORMATION:
APPLICANT: Vernet, Corine A.M.
APPLICANT: Fernandes, Elma R.
APPLICANT: Gerlach, Valerie
APPLICANT: Malyankar, Uriel M.
APPLICANT: Boldog, Ferenc L.
APPLICANT: Zernusen, Bryan D.
APPLICANT: Spytek, Kimberly A.
APPLICANT: Majumder, Kumud
APPLICANT: Tchernev, Velizar T.
APPLICANT: Padigaru, Muralidhara
APPLICANT: Patturajan, Meera
APPLICANT: Burgess, Catherine E.
APPLICANT: Gangolli, Esha A.
APPLICANT: Smithson, Glenda
APPLICANT: Rastelli, Luca
APPLICANT: MacDougall, John R.
APPLICANT: Taupier, Raymond J.
APPLICANT: Grose, William M.
APPLICANT: Szekeres, Edward S.
APPLICANT: Alsobrook, John P.
APPLICANT: Anderson, David W.
APPLICANT: Guo, Xiaojia (Sasha)
APPLICANT: Li, Li
APPLICANT: Zhong, Mei
TITLE OF INVENTION: NOVEL PROTEINS AND NUCLEIC ACIDS ENCODING SAME
FILE REFERENCE: 15966-783 CIP1
CURRENT APPLICATION NUMBER: US/10/174,333
PRIOR FILING DATE: 2002-06-18
PRIOR APPLICATION NUMBER: 60/193,664
PRIOR FILING DATE: 2000-03-31
PRIOR APPLICATION NUMBER: 60/194,614

```
; PRIOR FILING DATE: 2000-04-05
; PRIOR APPLICATION NUMBER: 60/195,063
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,066
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,067
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,068
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,069
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,070
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/195,510
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 60/219,855
; PRIOR FILING DATE: 2000-07-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 186
; SOFTWARE: CursSeqList version 0.1
; SEQ ID NO 184
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer/Probe
US-10-174-333-184
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2583 AGTACCAGCGCATCA 2558

DB 20 AGTACCAGCGCATCA 5

```
RESULT 1141
US-10-702-496-92
; Sequence 92, Application US/10702496
; Publication No. US20040121383A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeying
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; PRIOR FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/429,381
; PRIOR FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 92
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-702-496-92
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 75.0%; Pred. No. 9.5e+02;
Matches 12; Conservative 3; Mismatches 1; Indels 0; Gaps 0;
```

QY 1651 GAGAGGCTTCTGCCA 1666

DB 1 GAGAGGAGUUCUGCA 16

```
RESULT 1142
US-10-702-496-103
; Sequence 103, Application US/10702496
; Publication No. US20040121383A1
```

```
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeying
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; CURRENT FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/429,381
; PRIOR FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 103
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-702-496-103
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 2388 CAGAGGCTTCTCTAC 2403

DB 1 CAGAGGCTTCTCTGC 16

```
RESULT 1143
US-10-702-496-211
; Sequence 211, Application US/10702496
; Publication No. US20040121383A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeying
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; CURRENT FILING DATE: 2003-11-07
; PRIOR APPLICATION NUMBER: 60/429,381
; PRIOR FILING DATE: 2002-11-27
; NUMBER OF SEQ ID NOS: 306
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 211
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-702-496-211
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
```

QY 1651 GAGAGGCTTCTGCCA 1666

DB 1 GAGAGGAGTTCGCCA 16

```
RESULT 1144
US-10-702-496-256
; Sequence 256, Application US/10702496
; Publication No. US20040121383A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: Wu, Leeying
; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
; FILE REFERENCE: AM101071
; CURRENT APPLICATION NUMBER: US/10/702,496
; CURRENT FILING DATE: 2003-11-07
```

PRIOR APPLICATION NUMBER: 60/429,381
PRIOR FILING DATE: 2002-11-27
NUMBER OF SEQ ID NOS: 306
SOFTWARE: PatentIn version 3.2
SEQ ID NO 256
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-702-496-256

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

Qy 2388 CAGAAGCTCTCTCTAC 2403
Db 3 CAGAAGCTCTCTCTGC 18

RESULT 1145
US-10-702-496-257
Sequence 257, Application US/10702496
Publication No. US20040121383A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Liu, Wei
APPLICANT: Mu, Leeyang
TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
FILE OF INVENTION: KINASE
FILE REFERENCE: AM101071
CURRENT APPLICATION NUMBER: US/10/702,496
CURRENT FILING DATE: 2003-11-07
PRIOR APPLICATION NUMBER: 60/429,381
PRIOR FILING DATE: 2002-11-27
NUMBER OF SEQ ID NOS: 306
SOFTWARE: PatentIn version 3.2
SEQ ID NO 257
LENGTH: 21
TYPE: RNA
ORGANISM: Homo sapiens
US-10-702-496-257

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 68.8%; Pred. No. 9.5e+02;
Matches 11; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

Qy 2388 CAGAAGCTCTCTCTAC 2403
Db 1 CAGAAGCTCTCTCTGC 16

RESULT 1146
US-10-786-720-3836
Sequence 3836, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 2135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 3836
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-3836

Query Match 0.3%; Score 14.4; DB 1; Length 21;

Best Local Similarity 81.2%; Pred. No. 9.5e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2407 TCGAGAGGAGGAAT 2422
Db 5 UGAGAGGAGGAAT 20

RESULT 1147
US-10-786-720-4544
Sequence 4544, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 2135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 4544
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-4544

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 9.5e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2407 TCGAGAGGAGGAAT 2422
Db 5 UGAGAGGAGGAAT 20

RESULT 1148
US-10-786-720-5276
Sequence 5276, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 2135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 5276
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-5276

Query Match 0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 81.2%; Pred. No. 9.5e+02;
Matches 13; Conservative 2; Mismatches 1; Indels 0; Gaps 0;

Qy 2407 TCGAGAGGAGGAAT 2422
Db 5 UGAGAGGAGGAAT 20

RESULT 1149
US-10-786-720-15038/c
Sequence 15038, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:

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; APPLICANT: Wweeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 2135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15038
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-15038

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1537 AATCTGCGAGCTCAT 1552
      ||||| ||||| |||||
Db      21 AATCCGACGAGCTCAT 6

RESULT 1150
US-10-786-720-15389/C
; Sequence 15389, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wweeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 2135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15389
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-15389

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1533 AAGAAATCTGCGAGC 1548
      ||||| ||||| |||||
Db      21 AAGCAATCTGCGAGC 6

RESULT 1151
US-10-786-720-16076/C
; Sequence 16076, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wweeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 2135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16076
; LENGTH: 21
; TYPE: RNA
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; ORGANISM: RNAI-sense strand
US-10-786-720-16076

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1533 AAGAAATCTGCGAGC 1548
      ||||| ||||| |||||
Db      21 AAGCAATCTGCGAGC 6

RESULT 1152
US-10-786-720-16427/C
; Sequence 16427, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wweeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 2135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16427
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-16427

Query Match      0.3%; Score 14.4; DB 1; Length 21;
Best Local Similarity 93.8%; Pred. No. 9.5e+02;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      1533 AAGAAATCTGCGAGC 1548
      ||||| ||||| |||||
Db      21 AAGCAATCTGCGAGC 6

RESULT 1153
US-08-424-5508-708
; Sequence 708, Application US/084245508
; Publication No. US20020119447A1
; GENERAL INFORMATION:
; APPLICANT: JOHN N. SIMONS
; APPLICANT: TAM J. PILOT-MATIAS
; APPLICANT: GEORGE J. DAWSON
; APPLICANT: GEORGE G. SCHLAUDER
; APPLICANT: SURESH M. DESAI
; APPLICANT: THOMAS P. LEARY
; APPLICANT: ANTHONY SCOTT MUEHROFF
; APPLICANT: JAMES C. ERKER
; APPLICANT: SHERI L. BUTIK
; APPLICANT: ISA K. MUSHAMMAR
; TITLE OF INVENTION: NON-A, NON-B, NON-C, NON-D, NON-E HEPATITIS
; FILE REFERENCE: REAGENTS AND METHODS FOR THEIR USE
; NUMBER OF SEQUENCES: 716
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: ABBOTT LABORATORIES D377/AP6D
; STREET: 100 ABBOTT PARK ROAD
; CITY: ABBOTT PARK
; STATE: IL
; COUNTRY: USA
; ZIP: 60064-3500
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/08/424,5508
FILING DATE:
CLASSIFICATION: 435435
ATTORNEY/AGENT INFORMATION:
NAME: FOREMSKI, PRISCILLA E.
REGISTRATION NUMBER: 33,207
REFERENCE/DOCKET NUMBER: 5527.PC.01
TELECOMMUNICATION INFORMATION:
TELEPHONE: 708-937-6365
TELEFAX: 708-938-2623
INFORMATION FOR SEQ ID NO: 708:
SEQUENCE CHARACTERISTICS:
LENGTH: 22 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
US-08-424-5508-708

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1;

Qy 4 GGGCATGGCATCCGAC 19
Db 3 GGGCATGGCATCCGCC 18

RESULT 1154
US-09-839-479-20/c
Sequence 20, Application US/09839479
Publication No. US2002003979A1
GENERAL INFORMATION:
APPLICANT: Jones, Michael H.
TITLE OF INVENTION: TRANSCRIPTIONAL REGULATOR
FILE REFERENCE: 06501-042002
CURRENT APPLICATION NUMBER: US/09/839,479
CURRENT FILING DATE: 2001-04-20
PRIOR APPLICATION NUMBER: US 09/418,710
PRIOR FILING DATE: 1999-10-15
PRIOR APPLICATION NUMBER: PCT/JP98/01783
PRIOR FILING DATE: 1998-04-17
PRIOR APPLICATION NUMBER: JP 9/310027
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: JP 9/116570
PRIOR FILING DATE: 1997-04-18
NUMBER OF SEQ ID NOS: 72
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 20
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetically generated primer
US-09-839-479-20

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1;

Qy 2805 GGAGAAATGAAGAAG 2820
Db 21 GGAGAAATGAAGAAG 6

RESULT 1155
US-09-931-836-24
Sequence 24, Application US/09931836
Publication No. US20030027249A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Bacon, Dan L.
APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OR INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3030R1C1
CURRENT APPLICATION NUMBER: US/09/931,836
CURRENT FILING DATE: 2001-08-16
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114140
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115552
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125826
PRIOR FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 60/127035
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: 60/127706
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/129122
PRIOR FILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/130359
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131272
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/132371
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132379
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259

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; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 09/854208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/854280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/874503
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/US99/28551
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30720
; PRIOR FILING DATE: 1999-12-22
; PRIOR APPLICATION NUMBER: PCT/US00/05601
; PRIOR FILING DATE: 2000-03-01
; PRIOR APPLICATION NUMBER: PCT/US00/05841
; PRIOR FILING DATE: 2000-03-02
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/15264
; PRIOR FILING DATE: 2000-06-02
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-08-28
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 24
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence.
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-931-836-24

Query Match          0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5090 AGCTGCTGCTCTG 5105
Db       5 AGCTGCTGCTCTG 20

RESULT 1156
US-10-036-342-24
; Sequence 24, Application US/10036342
; Publication No. US2002009681A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
```

```

; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3030R1C5
; CURRENT APPLICATION NUMBER: US/10/036,342
; CURRENT FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/112514
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113300
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113430
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/114140
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115552
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/116843
; PRIOR FILING DATE: 1999-01-22
; PRIOR APPLICATION NUMBER: 60/125774
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125778
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125826
; PRIOR FILING DATE: 1999-03-24
; PRIOR APPLICATION NUMBER: 60/127035
; PRIOR FILING DATE: 1999-03-31
; PRIOR APPLICATION NUMBER: 60/127706
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 60/129122
; PRIOR FILING DATE: 1999-04-13
; PRIOR APPLICATION NUMBER: 60/130359
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/131270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131272
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131291
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/132371
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/132379
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/132383
; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/135750
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: 60/138166
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/144791
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/146970
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/162506
; PRIOR FILING DATE: 1999-10-29
; PRIOR APPLICATION NUMBER: 09/311832
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 09/380142
; PRIOR FILING DATE: 1999-08-25
; PRIOR APPLICATION NUMBER: 09/644848
; PRIOR FILING DATE: 2000-08-22
; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
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PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908,827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23522
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19662
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-036-342-24

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

OY 5090 AGCTGCTGCTCTGG 5105
Db 5 AGCTGCTGCTCTGG 20

RESULT 1157
US-10-036-041-24
Sequence 24, Application US/10036041
Publication No. US20020192751A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.

APPLICANT: Matanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030RIC8
CURRENT FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: US/10/036,041
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113430
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/114140
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115552
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/116843
PRIOR FILING DATE: 1999-01-22
PRIOR APPLICATION NUMBER: 60/125774
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/125826
PRIOR FILING DATE: 1999-03-24
PRIOR APPLICATION NUMBER: 60/127035
PRIOR FILING DATE: 1999-03-31
PRIOR APPLICATION NUMBER: 60/127706
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/129122
PRIOR FILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/130359
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131272
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/132371
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132379
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/132383
PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750
PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166
PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/162506
PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848
PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/747259
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/816744
PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208

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; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/854280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/874503
; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: PCT/US99/28551
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; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
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; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 24
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-036-041-24

Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5090 AGCTTCCTCTCTTGG 5105
DB      5 AGCTTCCTCTCTTGG 20

RESULT 1158
; Sequence 24, Application US/10035855
; Publication No. US20030008348A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
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; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3030R1C4
; CURRENT APPLICATION NUMBER: US/10/035,855
; PRIOR FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
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PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-035-855-24

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5090 AGCTGCTGCTCTGG 5105
DB 5 AGCTGCTGCTCTGG 20

RESULT 1159
US-10-036-214-24
Sequence 24, Application US/10036214
Publication No. US20030032061A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3030RIC11
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PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503

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PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
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PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-036-214-24

Query Match          0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5090 AGCTCTGCTTCCTTGG 5105
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DB      5 AGCTCTGCTTCCTTGG 20

RESULT 1160
US-10-035-719-24
Sequence 24, Application US/10035719
Publication No. US20030036114A1
GENERAL INFORMATION:
APPLICANT: Deanoys, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zhenlin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C2
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CURRENT APPLICATION NUMBER: US/10/035,719
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PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280
PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
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; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
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; NUMBER OF SEQ ID NOS: 80
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; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-035-719-24

Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5090 AGCTCTGCTCTCTGG 5105
DB      5 AGCTCTGCTCTCTGG 20

RESULT 1161
US-10-036-160-24
; Sequence 24, Application US/10036160
; Publication No. US20030044842A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gutney, Aubelin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3030R1C3
; CURRENT APPLICATION NUMBER: US/10/036,160
; CURRENT FILING DATE: 2001-12-26
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; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 24
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; US-10-036-160-24

Query Match          0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY      5090 AGCTGCTCTCTCTGG 5105
Db      5 AGCTGCTCTCTCTGG 20

RESULT 1162
US-10-035-958-24
; Sequence 24, Application US/10035958
; Publication No. US20030049733A1
; GENERAL INFORMATION:
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Pan, James
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Zhang, Zhenlin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P303OR1C7
; CURRENT APPLICATION NUMBER: US/10/035,958
; PRIOR FILING DATE: 2001-12-26
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
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; PRIOR APPLICATION NUMBER: 60/112514
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113300
; PRIOR FILING DATE: 1998-12-22
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; PRIOR APPLICATION NUMBER: 60/113605
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; PRIOR APPLICATION NUMBER: 60/116843
; PRIOR FILING DATE: 1999-01-22
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; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/125826
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; PRIOR FILING DATE: 1999-03-31
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; PRIOR APPLICATION NUMBER: 60/132379
; PRIOR FILING DATE: 1999-05-04
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; PRIOR FILING DATE: 1999-05-04
; PRIOR APPLICATION NUMBER: 60/135750
; PRIOR FILING DATE: 1999-05-25
; PRIOR APPLICATION NUMBER: 60/138166
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: 60/144791
; PRIOR FILING DATE: 1999-07-20
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; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/162506
; PRIOR FILING DATE: 1999-10-29
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; PRIOR APPLICATION NUMBER: 09/747259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: 09/816744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: 09/854208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: 09/854280
; PRIOR FILING DATE: 2001-05-10
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; PRIOR FILING DATE: 2001-06-05
; PRIOR APPLICATION NUMBER: 09/869599
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: 09/908,827
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US99/10733
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PRIOR APPLICATION NUMBER: 60/127706	PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/129122	PRIOR FILING DATE: 1999-04-13
PRIOR APPLICATION NUMBER: 60/130359	PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131270	PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131272	PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291	PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/132371	PRIOR FILING DATE: 1999-05-04
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PRIOR APPLICATION NUMBER: 60/132383	PRIOR FILING DATE: 1999-05-04
PRIOR APPLICATION NUMBER: 60/135750	PRIOR FILING DATE: 1999-05-25
PRIOR APPLICATION NUMBER: 60/138166	PRIOR FILING DATE: 1999-06-08
PRIOR APPLICATION NUMBER: 60/144791	PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/146970	PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/165206	PRIOR FILING DATE: 1999-10-29
PRIOR APPLICATION NUMBER: 09/311832	PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 09/380142	PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/644848	PRIOR FILING DATE: 2000-08-22
PRIOR APPLICATION NUMBER: 09/147259	PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: 09/816744	PRIOR FILING DATE: 2001-03-22
PRIOR APPLICATION NUMBER: 09/854208	PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/854280	PRIOR FILING DATE: 2001-05-10
PRIOR APPLICATION NUMBER: 09/874503	PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599	PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908, 827	PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/107333	PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/285515	

PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720
PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
PRIOR FILING DATE: 2000-06-02
PRIOR APPLICATION NUMBER: PCT/US00/23222
PRIOR FILING DATE: 2000-08-23
PRIOR APPLICATION NUMBER: PCT/US00/23328
PRIOR FILING DATE: 2000-08-24
PRIOR APPLICATION NUMBER: PCT/US00/32678
PRIOR FILING DATE: 2000-12-01
PRIOR APPLICATION NUMBER: PCT/US00/34956
PRIOR FILING DATE: 2000-12-20
PRIOR APPLICATION NUMBER: PCT/US01/06520
PRIOR FILING DATE: 2001-02-28
PRIOR APPLICATION NUMBER: PCT/US01/17800
PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
PRIOR FILING DATE: 2001-07-09
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-036-150-24

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5090 AGCTGCTGCTCTGG 5105
DB 5 AGCTGCTGCTCTGG 20

RESULT 1164
US-10-036-063-24
Sequence 24, Application US/10036063
Publication No. US20030092063A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: ACIDS ENCODING THE SAME
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C6
CURRENT APPLICATION NUMBER: US/10/036, 063
PRIOR FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22

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PRIOR APPLICATION NUMBER: 09/874503
PRIOR FILING DATE: 2001-06-05
PRIOR APPLICATION NUMBER: 09/869599
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: 09/908, 827
PRIOR FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US99/10733
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: PCT/US99/28551
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30720

PRIOR FILING DATE: 1999-12-22
PRIOR APPLICATION NUMBER: PCT/US00/05601
PRIOR FILING DATE: 2000-03-01
PRIOR APPLICATION NUMBER: PCT/US00/05841
PRIOR FILING DATE: 2000-03-02
PRIOR APPLICATION NUMBER: PCT/US00/14042
PRIOR FILING DATE: 2000-05-22
PRIOR APPLICATION NUMBER: PCT/US00/15264
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PRIOR FILING DATE: 2001-06-01
PRIOR APPLICATION NUMBER: PCT/US01/19692
PRIOR FILING DATE: 2001-06-20
PRIOR APPLICATION NUMBER: PCT/US01/21066
PRIOR FILING DATE: 2001-06-29
PRIOR APPLICATION NUMBER: PCT/US01/21735
NUMBER OF SEQ ID NOS: 80
SEQ ID NO 24
LENGTH: 22
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-036-063-24

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 5090 AGCTGCTGCTCTTGG 5105
DB 5 AGCTGCTGCTCTTGG 20

RESULT 1165
US-10-296-995-88
Sequence 88, Application US/10296995
Publication No. US20030124601A1
GENERAL INFORMATION:
APPLICANT: Otsuka Pharmaceutical Factory Inc.
TITLE OF INVENTION: A method for detecting human P450 molecular species and a probe
FILE REFERENCE: P01-38
CURRENT APPLICATION NUMBER: US/10/296,995
PRIOR FILING DATE: 2002-12-02
PRIOR APPLICATION NUMBER: 2000-164214
PRIOR FILING DATE: 2000-06-01
NUMBER OF SEQ ID NOS: 105
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 88
LENGTH: 22
TYPE: DNA
ORGANISM: human P450 CYP17 gene
US-10-296-995-88

Query Match 0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1878 AGTGAAGAAGAGTGGC 1893
DB 5 AATGAAGAAGAGTGGC 20

RESULT 1166
US-10-035-977-24
Sequence 24, Application US/10035977
Publication No. US20030134327A1
GENERAL INFORMATION:
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gunney, Austin L.
APPLICANT: Pan, James
APPLICANT: Stewart, Timothy A.
APPLICANT: Metanabe, Colin K.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3030R1C10
CURRENT APPLICATION NUMBER: US/10/035,977
PRIOR FILING DATE: 2001-12-26
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/112514
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113300
PRIOR FILING DATE: 1998-12-22
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PRIOR APPLICATION NUMBER: 60/116843
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; PRIOR FILING DATE: 1999-08-03
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; PRIOR FILING DATE: 1999-10-29
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; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 80
; SEQ ID NO 24
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-035-977-24
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Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      5090 AGCTGCTCTCTCTGG 5105
Db      5 AGCTGCTCTCTCTGG 20
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RESULT 1167
US-10-376-537-20/c
; Sequence 20, Application US/10376537
; Publication No. US20030224405A1
; GENERAL INFORMATION:
; APPLICANT: Jones, Michael H.
; TITLE OF INVENTION: TRANSCRIPTIONAL REGULATOR
; FILE REFERENCE: 06501-042001
; CURRENT APPLICATION NUMBER: US/10/376,537
; CURRENT FILING DATE: 2003-02-28
; PRIOR APPLICATION NUMBER: US/09/418,710
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: PCT/JP98/01783
; PRIOR FILING DATE: 1998-04-17
; PRIOR APPLICATION NUMBER: JP 9/310027
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: JP 9/116570
; PRIOR FILING DATE: 1997-04-18
; NUMBER OF SEQ ID NOS: 73
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated primer
US-10-376-537-20
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Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      2805 GGAGAAATGACAGAG 2820
Db      21 GGAGAAATGACAGAG 6
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RESULT 1168
US-10-313-963A-35/c
; Sequence 35, Application US/10313963A
; Publication No. US20040002078A1
; GENERAL INFORMATION:
; APPLICANT: Boutell, Jonathan
; APPLICANT: Godber, Benjamin
; APPLICANT: Hart, Darren
; APPLICANT: Blackburn, Jonathan
; TITLE OF INVENTION: Arrays
; FILE REFERENCE: KIL-001
; CURRENT APPLICATION NUMBER: US/10/313,963A
; CURRENT FILING DATE: 2003-06-19
; PRIOR APPLICATION NUMBER: US 60/335,806
; PRIOR FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: US 60/410,815
; PRIOR FILING DATE: 2002-09-16
; NUMBER OF SEQ ID NOS: 60
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 35
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-313-963A-35
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Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03;
Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY      2552 CCTGTGACAGTGTG 2567
Db      16 CCTGTGACAGTGTG 1
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RESULT 1169
US-10-702-148-20/c
; Sequence 20, Application US/10702148
; Publication No. US20040063145A1
; GENERAL INFORMATION:
; APPLICANT: Jones, Michael H.
; TITLE OF INVENTION: TRANSCRIPTIONAL REGULATOR
; FILE REFERENCE: 06501-042002
; CURRENT APPLICATION NUMBER: US/10/702,148
; CURRENT FILING DATE: 2003-11-05
; PRIOR APPLICATION NUMBER: PRIOR APPLICATION NUMBER: US/09/839,479
; PRIOR FILING DATE: 2001-04-20
; PRIOR APPLICATION NUMBER: US 09/418,710
; PRIOR FILING DATE: 1999-10-15
; PRIOR APPLICATION NUMBER: PCT/JP98/01783
; PRIOR FILING DATE: 1998-04-17
; PRIOR APPLICATION NUMBER: JP 9/310027
; PRIOR FILING DATE: 1997-10-24
; PRIOR APPLICATION NUMBER: JP 9/116570
; PRIOR FILING DATE: 1997-04-18
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 22
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated primer
US-10-702-148-20

Query Match      0.3%; Score 14.4; DB 1; Length 22;
Best Local Similarity 93.8%; Pred. No. 1e+03; 1; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 1;

QY      2805 GGAGAAATGAGAG 2820
Db      21 GGAGAAATGAGAG 6

RESULT 1170
US-09-910-469-132/c
; Sequence 132, Application US/09910469
; Publication No. US20030175702A1
; GENERAL INFORMATION:
; APPLICANT: Schweitzer, Markus
; APPLICANT: Anderson, Richard R.
; APPLICANT: Mueller, Jochen
; APPLICANT: Flechtner, Michael
; APPLICANT: Bruecher, Christoph
; APPLICANT: Kienle, Stefan
; APPLICANT: Orwick, Jill
; APPLICANT: Pignot, Marc
; APPLICANT: Radatz, Stefan
; APPLICANT: Schneider, Eberhard
; APPLICANT: Windhab, No. US20030175702A1bert
; TITLE OF INVENTION: Sorting and Immobilization System for Nucleic Acids Using Synthe
; FILE REFERENCE: 264/217 Nanogen Recogonomics
; CURRENT APPLICATION NUMBER: US/09/910,469
; CURRENT FILING DATE: 2001-07-19
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 132
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Test nucleic acid sequence
NAME/KEY: modified_base
LOCATION: (1)..(1)
OTHER INFORMATION: Cys dye
US-09-910-469-132
```

```
Query Match      0.3%; Score 14.4; DB 1; Length 32;
Best Local Similarity 65.6%; Pred. No. 1.5e+03;
Matches 21; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY      4410 ATGATATATATATATATATATATATATATATG 4441
Db      32 ACATTATATATATATATATATATATATATATTTG 1

RESULT 1171
US-09-910-469-152/c
; Sequence 152, Application US/09910469
; Publication No. US20030175702A1
; GENERAL INFORMATION:
; APPLICANT: Schweitzer, Markus
; APPLICANT: Anderson, Richard R.
; APPLICANT: Mueller, Jochen
; APPLICANT: Flechtner, Michael
; APPLICANT: Bruecher, Christoph
; APPLICANT: Kienle, Stefan
; APPLICANT: Orwick, Jill
; APPLICANT: Pignot, Marc
; APPLICANT: Radatz, Stefan
; APPLICANT: Schneider, Eberhard
; APPLICANT: Windhab, No. US20030175702A1bert
; TITLE OF INVENTION: Sorting and Immobilization System for Nucleic Acids Using Synthe
; FILE REFERENCE: 264/217 Nanogen Recogonomics
; CURRENT APPLICATION NUMBER: US/09/910,469
; CURRENT FILING DATE: 2001-07-19
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 152
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Test nucleic acid sequence
US-09-910-469-152

Query Match      0.3%; Score 14.4; DB 1; Length 32;
Best Local Similarity 65.6%; Pred. No. 1.5e+03;
Matches 21; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY      4410 ATGATATATATATATATATATATATATATATG 4441
Db      32 ACATTATATATATATATATATATATATATATTTG 1

RESULT 1172
US-09-910-469-162/c
; Sequence 162, Application US/09910469
; Publication No. US20030175702A1
; GENERAL INFORMATION:
; APPLICANT: Schweitzer, Markus
; APPLICANT: Anderson, Richard R.
; APPLICANT: Mueller, Jochen
; APPLICANT: Flechtner, Michael
; APPLICANT: Bruecher, Christoph
; APPLICANT: Kienle, Stefan
; APPLICANT: Orwick, Jill
; APPLICANT: Pignot, Marc
; APPLICANT: Radatz, Stefan
; APPLICANT: Schneider, Eberhard
; APPLICANT: Windhab, No. US20030175702A1bert
; TITLE OF INVENTION: Sorting and Immobilization System for Nucleic Acids Using Synthe
; FILE REFERENCE: 264/217 Nanogen Recogonomics
; CURRENT APPLICATION NUMBER: US/09/910,469
; CURRENT FILING DATE: 2001-07-19
; NUMBER OF SEQ ID NOS: 184
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 162
```

```
; LENGTH: 32
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Test nucleic acid sequence
; NAME/KEY: modified base
; LOCATION: (32)..(32)
; OTHER INFORMATION: Cy3 dye
US-09-910-469-162
```

```
Query Match          0.3%; Score 14.4; DB 1; Length 32;
Best Local Similarity 65.6%; Pred. No. 1.5e+03;
Matches 21; Conservative 0; Mismatches 11; Indels 0; Gaps 0;
```

```
QY      4410 ATAGATATATATATATATATATATATATATATATG 4441
Db      32 ACATTATATATATATATATATATATATATATTTG 1
```

```
RESULT 1173
US-09-834-722-4/c
; Sequence 4, Application US/09834722
; Patent No. US2002010263A1
; GENERAL INFORMATION:
; APPLICANT: Farwick, Mike
; APPLICANT: Huttmacher, Klaus
; APPLICANT: Marx, Achim
; APPLICANT: Pfeifferle, Walter
; TITLE OF INVENTION: New Nucleotide Sequences Which Code for the menf Gene
; FILE REFERENCE: 21123/280112
; CURRENT APPLICATION NUMBER: US/09/834,722
; CURRENT FILING DATE: 2001-04-16
; NUMBER OF SEQ ID NOS: 4
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 19
; TYPE: DNA
; ORGANISM: PCR primer
US-09-834-722-4
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2984 GGCCACAGAAACGACGCTG 3002
Db      19 GGCTACAGAAATGCACCTG 1
```

```
RESULT 1174
US-09-901-484A-435
; Sequence 435, Application US/09901484A
; Patent No. US20020119460A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: Prostate Cancer Gene
; FILE REFERENCE: GEN-T11XC3D2
; CURRENT APPLICATION NUMBER: US/09/901,484A
; CURRENT FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: US 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: US 09/218,207
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: US 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: US 09/853,526
; PRIOR FILING DATE: 2001-05-11
; NUMBER OF SEQ ID NOS: 578
```

```
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 435
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (1)..(19)
; OTHER INFORMATION: potential microsequencing oligo for 4-38-63.misl
US-09-901-484A-435
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2145 AGTGAAGAACTCAGGC 2163
Db      1 AGTTATAGAAATCAGGC 19
```

```
RESULT 1175
US-09-969-373-2206
; Sequence 2206, Application US/09969373
; Patent No. US20020133852A1
; GENERAL INFORMATION:
; APPLICANT: Effertz, Roger J.
; APPLICANT: Haug, Brian M.
; TITLE OF INVENTION: Soybean SSRs and Methods of Genotyping
; FILE REFERENCE: 38-10(52679)A
; CURRENT APPLICATION NUMBER: US/09/969,373
; CURRENT FILING DATE: 2001-10-02
; PRIOR APPLICATION NUMBER: US 09/754,853
; PRIOR FILING DATE: 2001-01-05
; PRIOR APPLICATION NUMBER: US 09/760,427
; PRIOR FILING DATE: 2001-01-13
; PRIOR APPLICATION NUMBER: US 09/855,768
; PRIOR FILING DATE: 2001-05-15
; NUMBER OF SEQ ID NOS: 4593
; SEQ ID NO 2206
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Glycine max
US-09-969-373-2206
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      266 CCCCTCTCTCTCTCTC 284
Db      1 CCCACTGTCTCTCTCTC 19
```

```
RESULT 1176
US-09-853-526-435
; Sequence 435, Application US/09853526
; Patent No. US20020165345A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Ilya, Chumakov
; APPLICANT: Bougueleret, Lydie
; TITLE OF INVENTION: PROSTATE CANCER GENE
; FILE REFERENCE: GENSET.18C1CP
; CURRENT APPLICATION NUMBER: US/09/853,526
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: 09/338,907
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 08/996,306
; PRIOR FILING DATE: 1997-12-22
; PRIOR APPLICATION NUMBER: 60/099,658
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 09/218,207
```

```
; PRIOR FILING DATE: 1998-12-22
; NUMBER OF SEQ ID NOS: 578
; SOFTWARE: Patent.pm
; SEQ ID NO 435
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: 1..19
; OTHER INFORMATION: potential microsequencing oligo for 4-38-63.misl
US-09-853-526-435

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2145 AGTGAAGAAAGAACTCAGGC 2163
Db 1 AGTTATAAGAAATCAGGC 19

RESULT 1177
US-09-943-416A-10
; Sequence 10, Application US/09943416A
; Publication No. US20030082549A1
; GENERAL INFORMATION:
; APPLICANT: Liu, Xiangjun
; TITLE OF INVENTION: METHOD FOR DETERMINING ALLELES
; FILE REFERENCE: 034928/0112
; CURRENT APPLICATION NUMBER: US/09/943,416A
; PRIOR FILING DATE: 2001-08-30
; PRIOR APPLICATION NUMBER: US 60/228,994
; PRIOR FILING DATE: 2000-08-30
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 10
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Unknown
; FEATURE:
; OTHER INFORMATION: Probe
US-09-943-416A-10

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1358 GCACGAGGCTCTGAGTCT 1376
Db 1 GCACGAGGCTCTGAGTCT 19

RESULT 1178
US-09-825-155-5/c
; Sequence 5, Application US/09825155
; Publication No. US20030100032A1
; GENERAL INFORMATION:
; APPLICANT: Altaba, Ariel Ruiz1
; TITLE OF INVENTION: METHODS AND MATERIALS FOR THE DIAGNOSIS AND TREATMENT
; FILE REFERENCE: 1049-1-008N
; CURRENT APPLICATION NUMBER: US/09/825,155
; PRIOR FILING DATE: 2001-04-03
; PRIOR APPLICATION NUMBER: 09/102,491
; PRIOR FILING DATE: 1998-06-22
; PRIOR APPLICATION NUMBER: 60/050,286
; PRIOR FILING DATE: 1997-06-20
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
```

```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-825-155-5

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1886 GGAAGTGGCTGAGATCTTC 1904
Db 19 GGAATTTCTGAGATCTTC 1

RESULT 1179
US-10-032-242A-5/c
; Sequence 5, Application US/10032242A
; Publication No. US20020155474A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Hall, Stephanie
; APPLICANT: Milos, Patrice
; APPLICANT: Seymour, Albert
; TITLE OF INVENTION: Methods and Reagents For Detecting Increased Risk Of Developing
; FILE REFERENCE: PC10264AK
; CURRENT APPLICATION NUMBER: US/10/032,242A
; PRIOR FILING DATE: 2002-03-29
; PRIOR APPLICATION NUMBER: US 60/258034
; PRIOR FILING DATE: 2000-12-22
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapien
US-10-032-242A-5

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 19;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1591 TCGAAGCAGAGAGAGAA 1609
Db 19 TGAAGACGCGAGGAGAA 1

RESULT 1180
US-10-219-616-15/c
; Sequence 15, Application US/10219616
; Publication No. US2003009937A1
; GENERAL INFORMATION:
; APPLICANT: Law, Simon W.
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
; FILE REFERENCE: 12251-017001
; CURRENT APPLICATION NUMBER: US/10/219,616
; PRIOR FILING DATE: 2002-08-15
; PRIOR APPLICATION NUMBER: US 60/312,443
; PRIOR FILING DATE: 2001-08-15
; PRIOR APPLICATION NUMBER: US 60/338,523
; PRIOR FILING DATE: 2001-11-05
; PRIOR APPLICATION NUMBER: US 60/373,364
; PRIOR FILING DATE: 2002-04-16
; NUMBER OF SEQ ID NOS: 26
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
US-10-219-616-15
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1228 AGCAGCTCTCCCGCGGCGCT 1246
Db      19 AGCCGCTCGGCCCGCCGCGCT 1

RESULT 1181
US-10-100-608B-22
; Sequence 22, Application US/10100608B
; Publication No. US20030104412A1
; GENERAL INFORMATION:
; APPLICANT: Helsinki, Maria
; TITLE OF INVENTION: REG-LIKE PROTEIN
; FILE REFERENCE: CDS-261
; CURRENT APPLICATION NUMBER: US/10/100,608B
; PRIOR FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 60/276,414
; PRIOR FILING DATE: 2002-03-16
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 22
; LENGTH: 19
; TYPE: DNA
; ORGANISM: primer
US-10-100-608B-22

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2806 GAGAAATGAAAGAGAG 2824
Db      1 GAGGACTGGAAGAGGAG 19

RESULT 1182
US-10-005-956-98/c
; Sequence 98, Application US/10005956
; Publication No. US20030113726A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: D0053NP
; CURRENT APPLICATION NUMBER: US/10/005,956
; PRIOR FILING DATE: 2001-12-03
; PRIOR APPLICATION NUMBER: 60/251,015
; PRIOR FILING DATE: 2000-12-04
; PRIOR APPLICATION NUMBER: 60/263,678
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/273,037
; PRIOR FILING DATE: 2001-03-02
; NUMBER OF SEQ ID NOS: 1579
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 98
; LENGTH: 19
; TYPE: DNA
; ORGANISM: homo sapiens
US-10-005-956-98

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2564 GGTGTGTCAGTCTTATGCG 2582
Db      19 GCTGTGTCAGTCTATGCC 1

RESULT 1183
US-10-224-005-19
```

```
; Sequence 19, Application US/10224005
; Publication No. US20030143732A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Adenosine A1 Receptor (A1)
; FILE REFERENCE: 900/041 (MEHB01-1110-A)
; CURRENT APPLICATION NUMBER: US/10/224,005
; PRIOR FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 347
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 19
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-224-005-19

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 8.9e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      3395 GACACCTCCCGCGCCAGCG 3413
Db      1 GACCCCTGCGCGCCAGCAG 19

RESULT 1184
US-10-224-005-180/c
; Sequence 180, Application US/10224005
; Publication No. US20030143732A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of Adenosine A1 Receptor (A1)
; FILE REFERENCE: 900/041 (MEHB01-1110-A)
; CURRENT APPLICATION NUMBER: US/10/224,005
; PRIOR FILING DATE: 2002-08-20
; PRIOR APPLICATION NUMBER: US 60/315,315
; PRIOR FILING DATE: 2001-08-28
; NUMBER OF SEQ ID NOS: 347
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 180
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-224-005-180

Query Match      0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3395 GACACCTCCCGCGCCAGCG 3413
Db      19 GACCCCTGCGCGCCAGCAG 1

RESULT 1185
US-10-080-381B-32
; Sequence 32, Application US/10080381B
; Publication No. US20030148421A1
; GENERAL INFORMATION:
; APPLICANT: NEWGARD, CHRISTOPHER B.
; APPLICANT: JENSEN, PER BO
```

TITLE OF INVENTION: GENE PRODUCTS THAT REGULATE GLUCOSE RESPONSE IN CELLS
FILE REFERENCE: US/10-080,381B
CURRENT APPLICATION NUMBER: US/10-080,381B
CURRENT FILING DATE: 2002-02-19
PRIOR APPLICATION NUMBER: 60/291,354
PRIOR FILING DATE: 2001-05-15
PRIOR APPLICATION NUMBER: 60/274,706
PRIOR FILING DATE: 2001-03-09
PRIOR APPLICATION NUMBER: 60/270,251
PRIOR FILING DATE: 2001-02-20
NUMBER OF SEQ ID NOS: 75
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 32
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Primer
US-10-080-381B-32

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1908 CACTCCCTGCAAGAAATCA 1926
Db 1 CACTCCCTGCAAGAACTCA 19

RESULT 1186
US-10-127-890-92/c
Sequence 92, Application US/10127890
Publication No. US20030166196A1
GENERAL INFORMATION:
APPLICANT: Carter, Marc D.
Carroll, Stephen F.
Studnika, Gary M.
TITLE OF INVENTION: Immunotoxins Comprising Ribosome-Inactivating
NUMBER OF SEQUENCES: 173
CORRESPONDENCE ADDRESS:
ADDRESSEE: McAndrews, Held & Malloy, Ltd.
STREET: 500 West Madison Street, 34th floor
CITY: Chicago
STATE: Illinois
COUNTRY: USA
ZIP: 60661
COMPUTER READABLE FORM:
MEDIUM TYPE: floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/127,890
FILING DATE: 23-Apr-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US/08/646,360
FILING DATE: 13-MAY-1996
APPLICATION NUMBER: PCT/US94/05348
FILING DATE: 12-MAY-1994
APPLICATION NUMBER: US 08/064,691
FILING DATE: 12-MAY-1993
APPLICATION NUMBER: US 07/988,430
FILING DATE: 09-DEC-1992
APPLICATION NUMBER: US 07/901,707
FILING DATE: 19-JUN-1992
APPLICATION NUMBER: US 07/787,567
FILING DATE: 04-NOV-1991
ATTORNEY/AGENT INFORMATION:
NAME: McNicholas, Janet M.
REGISTRATION NUMBER: 32,918

REFERENCE/DOCKET NUMBER: 200-70.P4
TELECOMMUNICATION INFORMATION:
TELEPHONE: 312/707-8889
TELEFAX: 312/707-9155
TELEX: 650 388-1248
INFORMATION FOR SEQ ID NO: 92:
SEQUENCE CHARACTERISTICS:
LENGTH: 19 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA
SEQUENCE DESCRIPTION: SEQ ID NO: 92:
US-10-127-890-92

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2527 ACCGAGCTCTGTGAGATC 2545
Db 19 ACTGAGTCATCTGATGTC 1

RESULT 1187
US-10-251-117-119
Sequence 119, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor
FILE REFERENCE: 900/042 (MHB02-468-A)
CURRENT APPLICATION NUMBER: US/10/251,117
PRIOR FILING DATE: 2003-02-24
PRIOR APPLICATION NUMBER: US 60/393,924
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/163,552
PRIOR FILING DATE: 2002-06-06
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 09/916,466
PRIOR FILING DATE: 2001-07-25
PRIOR APPLICATION NUMBER: US 60/296,249
PRIOR FILING DATE: 2001-06-06
NUMBER OF SEQ ID NOS: 1213
SOFTWARE: PatentIn version 3.0
SEQ ID NO 119
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-251-117-119

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 57.9%; Pred. No. 8.9e+02;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Oy 2868 CTGAGCCATTATCTCTG 2886
Db 1 CUGAGGUCACUACUCUG 19

RESULT 1188
US-10-251-117-368/c
Sequence 368, Application US/10251117
Publication No. US20030170891A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceuticals, Inc.
TITLE OF INVENTION: RNA Interference Mediated Inhibition of Epidermal Growth Factor

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; TITLE OF INVENTION: Gene Expression Using Short Interfering RNA
; FILE REFERENCE: 900/042 (MEHB02-468-A)
; CURRENT APPLICATION NUMBER: US/10/251,117
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: US 60/393,924
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/163,552
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 09/916,466
; PRIOR FILING DATE: 2001-07-25
; PRIOR APPLICATION NUMBER: US 60/296,249
; PRIOR FILING DATE: 2001-06-06
; NUMBER OF SEQ ID NOS: 1213
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 368
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-251-117-368

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2868 CTGAAGCCATTATCTCTG 2866
Db      19  CTGACGTCATCATCTCTG 1

RESULT 1189
US-10-225-023-466/C
; Sequence 466, Application US/10225023
; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of HIV Gene Expression Using
; FILE REFERENCE: 400/054 (MEHB01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 466
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-225-023-466

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      265 CCCCCCTCTCTCTTCT 283
Db      19  CACCACTCTCTCTTCT 1

RESULT 1190
US-10-225-023-1204
; Sequence 1204, Application US/10225023
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; Publication No. US20030175950A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyme Pharmaceuticals, Inc.
; APPLICANT: McSwiggen, James
; TITLE OF INVENTION: RNA interference Mediated Inhibition of HIV Gene Expression Using
; FILE REFERENCE: 400/054 (MEHB01-665-B)
; CURRENT APPLICATION NUMBER: US/10/225,023
; CURRENT FILING DATE: 2003-01-06
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/294,140
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 10/157,580
; PRIOR FILING DATE: 2002-05-29
; NUMBER OF SEQ ID NOS: 1494
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 1204
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-225-023-1204

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 47.4%; Pred. No. 8.9e+02;
Matches 9; Conservative 7; Mismatches 3; Indels 0; Gaps 0;

Qy      265 CCCCCCTCTCTCTTCT 283
Db      1  CACCACTCTCTCTTCT 19

RESULT 1191
US-10-428-826-53
; Sequence 53, Application US/10428826
; Publication No. US20030186225A1
; GENERAL INFORMATION:
; APPLICANT: PAUL DR, PREM S
; APPLICANT: ZHANG, YANJIN
; TITLE OF INVENTION: PROTEINS ENCODED BY POLYNUCLEIC ACIDS OF PORCINE
; FILE REFERENCE: 8199-0005-55XCP WO
; CURRENT APPLICATION NUMBER: US/10/428,826
; CURRENT FILING DATE: 2003-05-05
; PRIOR APPLICATION NUMBER: US/09/601,326
; PRIOR FILING DATE: 2000-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/02630
; PRIOR FILING DATE: 1999-04-19
; PRIOR APPLICATION NUMBER: US 09/019,793
; PRIOR FILING DATE: 1998-02-06
; PRIOR APPLICATION NUMBER: US 08/478,316
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/301,435
; PRIOR FILING DATE: 1994-09-01
; PRIOR APPLICATION NUMBER: US 08/131,625
; PRIOR FILING DATE: 1993-10-05
; PRIOR APPLICATION NUMBER: US 07/969,071
; PRIOR FILING DATE: 1992-10-30
; NUMBER OF SEQ ID NOS: 175
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 53
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic DNA
US-10-428-826-53

Query Match          0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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OY 5208 GGAATGACCCACATTC 5226
Db 1 GGAATTCACCGCATTC 19

RESULT 1192
US-10-204-884-8
; Sequence 8, Application US/10204884
; Publication No. US20030186371A1
; GENERAL INFORMATION:
; APPLICANT: Oxagen Limited
; APPLICANT: Olaveson, Mark
; APPLICANT: Lench, Nick
; APPLICANT: Allen, Maxine
; APPLICANT: Tazi-Ahmini, Rachid
; TITLE OF INVENTION: Test and model for inflammatory disease
; FILE REFERENCE: P30000WO-PS
; CURRENT APPLICATION NUMBER: US/10/204,884
; PRIOR FILING DATE: 2003-01-29
; PRIOR APPLICATION NUMBER: GB 0004312.5
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 189
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-204-884-8

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 4523 GAGCTGAGCTTGGCCAC 4541
Db 1 GAGCTGAGCTTGGCCAC 19

RESULT 1193
US-10-204-884-70
; Sequence 70, Application US/10204884
; Publication No. US20030186371A1
; GENERAL INFORMATION:
; APPLICANT: Oxagen Limited
; APPLICANT: Olaveson, Mark
; APPLICANT: Lench, Nick
; APPLICANT: Allen, Maxine
; APPLICANT: Tazi-Ahmini, Rachid
; TITLE OF INVENTION: Test and model for inflammatory disease
; FILE REFERENCE: P30000WO-PS
; CURRENT APPLICATION NUMBER: US/10/204,884
; PRIOR FILING DATE: 2003-01-29
; PRIOR APPLICATION NUMBER: GB 0004312.5
; PRIOR FILING DATE: 2000-02-23
; NUMBER OF SEQ ID NOS: 189
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 70
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-204-884-70

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 4523 GAGCTGAGCTTGGCCAC 4541
Db 1 GAGCTGAGCTTGGCCAC 19

Db 1 GAGCTGAGCTTGGCCAC 19
RESULT 1194
US-10-400-382-299/c
; Sequence 299, Application US/10400382
; Publication No. US20030190659A1
; GENERAL INFORMATION:
; APPLICANT: Lacasse, Eric
; APPLICANT: McManus, Daniel
; APPLICANT: Durkin, Jonathan P.
; TITLE OF INVENTION: Antisense IAP Nucleobase Oligomers and
; FILE REFERENCE: 07891/025004
; CURRENT APPLICATION NUMBER: US/10/400,382
; PRIOR FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: US 60/367,853
; PRIOR FILING DATE: 2002-03-27
; NUMBER OF SEQ ID NOS: 460
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 299
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens.
US-10-400-382-299

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 1948 TCGCATCCACAGCCTCTG 1966
Db 19 TCGCATCCACAGCCTCTG 1

RESULT 1195
US-10-424-233-63/c
; Sequence 63, Application US/10424233
; Publication No. US20030220263A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: NOVEL HUMAN LINCINE-RICH REPEAT-CONTAINING PROTEINS SPECIFICALLY
; FILE REFERENCE: D0233 NP
; CURRENT APPLICATION NUMBER: US/10/424,233
; PRIOR FILING DATE: 2003-04-25
; PRIOR APPLICATION NUMBER: U.S. 60/375,335
; PRIOR FILING DATE: 2002-04-25
; NUMBER OF SEQ ID NOS: 75
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 63
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-424-233-63

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 4752 TGGCTAGCTGAGAGCAGG 4770
Db 19 TGGTTGGTTGAGAGCAGG 1

RESULT 1196
US-10-340-189-66/c
; Sequence 66, Application US/10340189
; Publication No. US20030229207A1
; GENERAL INFORMATION:
; APPLICANT: Studnicka, Gary M.
US-10-340-189-66

```
; TITLE OF INVENTION: Modified Antibody Variable Domains
; NUMBER OF SEQUENCES: 89
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: McAndrews, Held & Malloy, Ltd.
; STREET: 500 W. Madison Street, 34th floor
; CITY: Chicago
; STATE: Illinois
; COUNTRY: USA
; ZIP: 60661
; COMPUTER READABLE FORM:
; MEDIUM TYPE: floppy disk
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patent Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/340.189
; FILING DATE: 10-Jan-2003
; CLASSIFICATION: 530
; PRIORITY APPLICATION DATA:
; APPLICATION NUMBER: US/09/245.202A
; FILING DATE: <Unknown>
; APPLICATION NUMBER: 08/082.842
; FILING DATE: 23-JUN-1993
; APPLICATION NUMBER: PCT/US92/10906
; FILING DATE: 14-DEC-1992
; APPLICATION NUMBER: US 07/808.464
; FILING DATE: 13-DEC-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: McNicholas, Janet M.
; REGISTRATION NUMBER: 32,918
; REFERENCE/DOCKET NUMBER: 11023US07 / 200-71.P2.C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 312/707-8889
; TELEFAX: 312/707-9155
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 66:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 19 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA
; SEQUENCE DESCRIPTION: SEQ ID NO: 66:
US-10-340-189-66
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2527 ACCGAGCTCTGAGATC 2545
DB 19 ACTGAGTCATCTGAGATGTC 1
RESULT 1197
US-10-349-143-7014/C
; Sequence 7014, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marca
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349.143
; PRIORITY APPLICATION NUMBER: US/09/422.978
; PRIORITY FILING DATE: 1999-10-20
; PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298.850
; PRIORITY FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109.732
; PRIORITY FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082.614
```

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; PRIORITY FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7014
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-22375 for SEQ 3080,
US-10-349-143-7014
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 278 CTTTCTCTCTCTCTCTT 296
DB 19 CTTTCTCTCTCTCTTCTT 1
RESULT 1198
US-10-349-143-8508/C
; Sequence 8508, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marca
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349.143
; PRIORITY FILING DATE: 2003-01-21
; PRIORITY APPLICATION NUMBER: US/09/422.978
; PRIORITY FILING DATE: 1999-10-20
; PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298.850
; PRIORITY FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109.732
; PRIORITY FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIORITY APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082.614
; PRIORITY FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8508
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: downstream amplification primer 99-16003 for SEQ 643, in complement
US-10-349-143-8508
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1421 GGCAGAGTCTCTGGGATT 1439
DB 19 GGCAGAGACTCAGGAGATT 1
RESULT 1199
US-10-444-925-155
; Sequence 155, Application US/10444925
; Publication No. US2004000946A1
; GENERAL INFORMATION:
; APPLICANT: Lewis, Stephen Patrick
; APPLICANT: Klinghoffer, Richard
; APPLICANT: Wilson, Linda K.
; TITLE OF INVENTION: MODULATION OF PTPIB SIGNAL TRANSDUCTION
; FILE REFERENCE: 200125.441
; CURRENT APPLICATION NUMBER: US/10/444.925
```


CURRENT FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 599
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 155
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Small interfering RNA
US-10-444-925-155

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 8.9e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 3619 AGAATCCCCCAAAATGCC 3637
Db 1 AGGAAGCCCTTAAAUAGCC 19

RESULT 1200
US-10-444-925-156
Sequence 156, Application US/10444925
Publication No. US2004000946a1
GENERAL INFORMATION:
APPLICANT: Lewis, Stephen Patrick
APPLICANT: Klinghoffer, Richard
APPLICANT: Wilson, Linda K.
TITLE OF INVENTION: MODULATION OF PTP1B SIGNAL TRANSDUCTION
FILE REFERENCE: 200125.441
CURRENT APPLICATION NUMBER: US/10/444,925
CURRENT FILING DATE: 2003-05-23
NUMBER OF SEQ ID NOS: 599
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 156
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Small interfering RNA
US-10-444-925-156

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 8.9e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 3620 GGAATCCCCCAAAATGCCG 3638
Db 1 GGAAGCCCTTAAAUAGCCG 19

RESULT 1201
US-10-206-705-69
Sequence 69, Application US/10206705
Publication No. US20040019001A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA interference Mediated Inhibition of Protein Tyrosine Phosphatase
FILE REFERENCE: 900/035 (MBH02-738)
CURRENT APPLICATION NUMBER: US/10/206,705
CURRENT FILING DATE: 2002-07-26
NUMBER OF SEQ ID NOS: 388
SOFTWARE: PatentIn version 3.0
SEQ ID NO 69
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Target sequence/siNA sense
US-10-206-705-69

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 8.9e+02;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

Qy 3620 GGAATCCCCCAAAATGCCG 3638
Db 1 GGAAGCCCTTAAAUAGCCG 19

RESULT 1202
US-10-206-705-254/c
Sequence 254, Application US/10206705
Publication No. US20040019001A1
GENERAL INFORMATION:
APPLICANT: Ribozyme Pharmaceutical, Inc.
APPLICANT: McSwiggen, James
TITLE OF INVENTION: RNA interference Mediated Inhibition of Protein Tyrosine Phosphatase
FILE REFERENCE: 900/035 (MBH02-738)
CURRENT APPLICATION NUMBER: US/10/206,705
CURRENT FILING DATE: 2002-07-26
NUMBER OF SEQ ID NOS: 388
SOFTWARE: PatentIn version 3.0
SEQ ID NO 254
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: siNA antisense region
US-10-206-705-254

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3620 GGAATCCCCCAAAATGCCG 3638
Db 19 GGAAGCCCTTAAAUAGCCG 1

RESULT 1203
US-10-377-628A-2
Sequence 2, Application US/10377628A
Publication No. US20040022768A1
GENERAL INFORMATION:
APPLICANT: Roy-Chowdhury, Jayanta
APPLICANT: Ilan, Yaron
APPLICANT: Rabbani, Elazar
APPLICANT: Englehardt, Dean L.
TITLE OF INVENTION: Process Useful for Producing Selective Immune Down Regulation (e.g., T Cell Apoptosis)
TITLE OF INVENTION: Subjects, including Adult Subjects to Artificially Expressed Gene
TITLE OF INVENTION: Systems, Infectious Agents, and No. US20040022768A1-Cellular Infection
FILE REFERENCE: 59046.000026
CURRENT APPLICATION NUMBER: US/10/377,628A
CURRENT FILING DATE: 2003-03-04
PRIOR APPLICATION NUMBER: US 08/808,629
PRIORITY FILING DATE: 1997-02-28
NUMBER OF SEQ ID NOS: 2
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Primer
US-10-377-628A-2

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1664 CCAGCTCTGCAGCAGATG 1682
DB 1 CCAGCAGCTGCAGCAGAGG 19

RESULT 1204
US-10-333-429-199/c
; Sequence 199, Application US/10333429
; Publication No. US20040048265A1
; GENERAL INFORMATION:
; APPLICANT: GENSET
; TITLE OF INVENTION: Obesity Associated Biallelic Marker Maps
; FILE REFERENCE: G-083US02PCT
; CURRENT APPLICATION NUMBER: US/10/333,429
; CURRENT FILING DATE: 2003-01-17
; PRIOR APPLICATION NUMBER: PCT/IB01/01477
; PRIOR FILING DATE: 2001-06-28
; PRIOR APPLICATION NUMBER: US 60/219,704
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 579
; SOFTWARE: Patent.pm
; SEQ ID NO 199
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..19
; OTHER INFORMATION: upstream amplification primer 99-48928 for SEQ 28,
US-10-333-429-199

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 524 CTGGACCATGGCAACATC 542
DB 19 CTGGACCATGGCAATCTC 1

RESULT 1205
US-10-451-822-61
; Sequence 61, Application US/10451822
; Publication No. US20040053397A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040053397A1 Protein and Its DNA
; FILE REFERENCE: 2847USOP
; CURRENT APPLICATION NUMBER: US/10/451,822
; CURRENT FILING DATE: 2003-06-25
; PRIOR APPLICATION NUMBER: PCT/JP01/11557
; PRIOR FILING DATE: 2001-12-27
; PRIOR APPLICATION NUMBER: JP 2000-403078
; PRIOR FILING DATE: 2000-12-28
; PRIOR APPLICATION NUMBER: JP 2001-195467
; PRIOR FILING DATE: 2001-06-27
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 61
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-451-822-61

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1499 CAAGATGCTTCTGAGAC 1517
DB 1 CAAGCTGGGTGTGAGGAC 19

RESULT 1206
US-10-628-109-97
; Sequence 97, Application US/10628109
; Publication No. US20040101886A1
; GENERAL INFORMATION:
; APPLICANT: Bowditch, Katherine S.
; APPLICANT: Frederickson, Shana
; APPLICANT: Lin, Ying-Chi
; APPLICANT: McWhorter, John
; APPLICANT: Maruyama, Toshiaki
; TITLE OF INVENTION: NESTED OLIGONUCLEOTIDES CONTAINING A HAIRPIN FOR NUCLEIC ACID
; FILE REFERENCE: 1087-35 DIV
; CURRENT APPLICATION NUMBER: US/10/628,109
; CURRENT FILING DATE: 2003-07-28
; PRIOR APPLICATION NUMBER: US 60/254,669
; PRIOR FILING DATE: 2000-12-11
; PRIOR APPLICATION NUMBER: US 60/323,400
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: US 10/014,012
; PRIOR FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 97
; LENGTH: 19
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: boundary oligonucleotide
US-10-628-109-97

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3256 TGGAGTGGGGCCCTTGG 3274
DB 1 TGGAGTGGGGCACCCTGTGG 19

RESULT 1207
US-10-636-065-190/c
; Sequence 190, Application US/10636065
; Publication No. US20040127694A1
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: Lacasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 190
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-636-065-190

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2167 ACCAAACTATATGACAT 2185

Db 19 ATCTAACCATATGACAT 1

RESULT 1208
US-10-636-065-215/c
; Sequence 215, Application US/10636065
; Publication No. US20040127694A1
; GENERAL INFORMATION:
; APPLICANT: Korneluk, Robert G.
; APPLICANT: LaCasse, Eric
; APPLICANT: Baird, Stephen
; APPLICANT: Holcik, Martin
; APPLICANT: Young, Sean
; TITLE OF INVENTION: Antisense IAP Nucleic Acids and Uses
; TITLE OF INVENTION: Theretof
; FILE REFERENCE: 07891/025005
; CURRENT APPLICATION NUMBER: US/10/636,065
; CURRENT FILING DATE: 2003-08-07
; PRIOR APPLICATION NUMBER: 09/672,717
; PRIOR FILING DATE: 2000-09-28
; NUMBER OF SEQ ID NOS: 231
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 215
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: based on Homo sapiens
US-10-636-065-215

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 1948 TCGCCATCCACACGCTCTG 1966
Db 19 TCTCATCTCAGCGCTCG 1

RESULT 1209
US-10-341-199-15/c
; Sequence 15, Application US/10341199
; Publication No. US20040137439A1
; GENERAL INFORMATION:
; APPLICANT: Liao, Haisun
; APPLICANT: Deik, Amy Anderson
; APPLICANT: Mamaeva, Natalia
; APPLICANT: Woodward, Caroline Ngaara
; APPLICANT: Chen, Shin-Yih
; APPLICANT: Huang, Yih
; APPLICANT: Shen, Ming
; APPLICANT: Law, Simon W.
; APPLICANT: Huang, Tai-Nang
; TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
; FILE REFERENCE: 12251-036001
; CURRENT APPLICATION NUMBER: US/10/341,199
; CURRENT FILING DATE: 2003-01-10
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
US-10-341-199-15

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 1228 AGCAGCTCTCCCGGCGCT 1246

Db 19 AGCCGCTCGCCCGGCGCT 1

RESULT 1210
US-10-665-951-1150/c
; Sequence 1150, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Strina Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951
; CURRENT FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: US 10/664,668
; PRIOR FILING DATE: 2003-09-18
; PRIOR APPLICATION NUMBER: PCT/US 03/05022
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/339,348
; PRIOR FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: US 60/333,796
; PRIOR FILING DATE: 2002-07-03
; PRIOR APPLICATION NUMBER: US 10/287,949
; PRIOR FILING DATE: 2002-11-04
; PRIOR APPLICATION NUMBER: US 10/306,747
; PRIOR FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: PCT/US 02/17674
; PRIOR FILING DATE: 2002-05-29
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 2455
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1150
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Target Sequence/siNA sense
US-10-665-951-1150

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 2230 ACATCACTCAACGCTTCAC 2248
Db 19 ACACCAACACAGGCTTCAC 1

RESULT 1211
US-10-665-951-1474
; Sequence 1474, Application US/10665951
; Publication No. US20040138163A1
; GENERAL INFORMATION:
; APPLICANT: Strina Therapeutics, Inc.
; APPLICANT: McSwiggen, James
; APPLICANT: Beigelman, Leonid
; APPLICANT: Pavco, Pamela
; TITLE OF INVENTION: RNA Interference Mediated Inhibition of Vascular Endothelial
; TITLE OF INVENTION: Growth Factor and Vascular Endothelial Growth Factor Receptor
; TITLE OF INVENTION: Gene Expression Using Short Interfering Nucleic Acid (siNA)
; FILE REFERENCE: 400/131 (MBHB02-742-F)
; CURRENT APPLICATION NUMBER: US/10/665,951

CURRENT FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: US 10/664,668
PRIOR FILING DATE: 2003-09-18
PRIOR APPLICATION NUMBER: PCT/US 03/05022
PRIOR FILING DATE: 2003-02-20
PRIOR APPLICATION NUMBER: US 60/399,348
PRIOR FILING DATE: 2002-07-29
PRIOR APPLICATION NUMBER: US 60/393,796
PRIOR FILING DATE: 2002-07-03
PRIOR APPLICATION NUMBER: US 10/287,949
PRIOR FILING DATE: 2002-11-04
PRIOR APPLICATION NUMBER: US 10/306,747
PRIOR FILING DATE: 2002-11-27
PRIOR APPLICATION NUMBER: PCT/US 02/17674
PRIOR FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: US 60/358,580
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/363,124
PRIOR FILING DATE: 2002-03-11
PRIOR APPLICATION NUMBER: US 60/386,782
PRIOR FILING DATE: 2002-06-06
Remaining Prior Application data removed - See File Wrapper or PAM.
NUMBER OF SEQ ID NOS: 2455
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1474
LENGTH: 19
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: sRNA antisense region
US-10-665-951-1474

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 8.9e+02;
Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 2230 ACATCACTCACCGCTCAGC 2248
DB 1 ACACCAACACAGCTCAGC 19

RESULT 1212
US-10-814-876-15/c
Sequence 15, Application US/10814876
Publication No. US20040161792A1
GENERAL INFORMATION:
APPLICANT: Liao, Hailun
APPLICANT: Deik, Amy Anderson
APPLICANT: Mamaeva, Natalia
APPLICANT: Woodward, Caroline Ngaara
APPLICANT: Chen, Shin-Yih
APPLICANT: Huang, Yih
APPLICANT: Shen, Ming
APPLICANT: Law, Simon W.
TITLE OF INVENTION: NUCLEIC ACID AMPLIFICATION
FILE REFERENCE: 12251-036001
CURRENT APPLICATION NUMBER: US/10/814,876
PRIOR FILING DATE: 2004-03-31
PRIOR APPLICATION NUMBER: US/10/341,199
PRIOR FILING DATE: 2003-01-10
NUMBER OF SEQ ID NOS: 35
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 15
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetically generated oligonucleotide
US-10-814-876-15
Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1228 AGCAGCTCTCCCGGCGCT 1246

DB 19 AGCCGCTCGCCCGAGGCGCT 1

RESULT 1213
US-10-099-791E-22
Sequence 22, Application US/10099791E
Publication No. US20040167086A1
GENERAL INFORMATION:
APPLICANT: Heiskala, Marja
TITLE OF INVENTION: REG-LIKE PROTEIN
FILE REFERENCE: CEN0285 NP
CURRENT APPLICATION NUMBER: US/10/099,791E
CURRENT FILING DATE: 2002-03-14
PRIOR APPLICATION NUMBER: 60/276,305
PRIOR FILING DATE: 2001-03-16
NUMBER OF SEQ ID NOS: 45
SOFTWARE: PatentIn version 3.0
SEQ ID NO 22
LENGTH: 19
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: primer bind
OTHER INFORMATION: PCR primer elements
US-10-099-791E-22

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2806 GAGAAATGAGAGGAG 2824
DB 1 GAGACACTGAGAGGAGCAG 19

RESULT 1214
US-10-715-117-15
Sequence 15, Application US/10715117
Publication No. US20040171037A1
GENERAL INFORMATION:
APPLICANT: LI, JING
APPLICANT: POWERS, SCOTT
APPLICANT: SIN, WUN CHEY
APPLICANT: YANG, JIANXIN
TITLE OF INVENTION: AMPLIFIED GENES INVOLVED IN CANCER
FILE REFERENCE: 38002-0062
CURRENT APPLICATION NUMBER: US/10/715,117
CURRENT FILING DATE: 2003-11-18
PRIOR APPLICATION NUMBER: 60/427,202
PRIOR FILING DATE: 2002-11-19
PRIOR APPLICATION NUMBER: 60/434,434
PRIOR FILING DATE: 2002-12-19
NUMBER OF SEQ ID NOS: 99
SOFTWARE: PatentIn Ver. 3.2
SEQ ID NO 15
LENGTH: 19
TYPE: DNA
ORGANISM: Homo sapiens
US-10-715-117-15

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1343 GGTCAAGCCTTCTGAC 1361

DB 1 GGGCAAGCCTTCTGACGCTC 19

RESULT 1215
US-10-715-117-16
; Sequence 16, Application US/10715117
; Publication No. US20040171037A1
; GENERAL INFORMATION:
; APPLICANT: LI, JING
; APPLICANT: POWERS, SCOTT
; APPLICANT: SIN, WUN CHEY
; APPLICANT: YANG, JIANXIN
; TITLE OF INVENTION: AMPLIFIED GENES INVOLVED IN CANCER
; FILE REFERENCE: 38002-0062
; CURRENT APPLICATION NUMBER: US/10/715.117
; PRIOR FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: 60/427,202
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/434,434
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 16
; LENGTH: 19
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-715-117-16

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 73.7%; Pred. No. 8.9e+02;
Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

OY 1343 GGTCAAGGCTTGCTGCAC 1361
DB 1 GGGCAAGGCTTGCAGCTC 19

RESULT 1216
US-10-715-117-33
; Sequence 33, Application US/10715117
; Publication No. US20040171037A1
; GENERAL INFORMATION:
; APPLICANT: LI, JING
; APPLICANT: POWERS, SCOTT
; APPLICANT: SIN, WUN CHEY
; APPLICANT: YANG, JIANXIN
; TITLE OF INVENTION: AMPLIFIED GENES INVOLVED IN CANCER
; FILE REFERENCE: 38002-0062
; CURRENT APPLICATION NUMBER: US/10/715.117
; CURRENT FILING DATE: 2003-11-18
; PRIOR APPLICATION NUMBER: 60/427,202
; PRIOR FILING DATE: 2002-11-19
; PRIOR APPLICATION NUMBER: 60/434,434
; PRIOR FILING DATE: 2002-12-19
; NUMBER OF SEQ ID NOS: 99
; SOFTWARE: PatentIn Ver. 3.2
; SEQ ID NO 33
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-715-117-33

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1343 GGTCAAGGCTTGCTGCAC 1361
DB 1 GGGCAAGGCTTGCAGCTC 19

RESULT 1217
US-10-731-739-502

; Sequence 502, Application US/10731739
; Publication No. US20040176582A1
; GENERAL INFORMATION:
; APPLICANT: CARULLI, John P.
; APPLICANT: Little, Randall D.
; APPLICANT: Recker, Robert R.
; APPLICANT: Johnson, Mark L.
; TITLE OF INVENTION: High bone mass gene of 11q13.3
; FILE REFERENCE: 032796-013
; CURRENT APPLICATION NUMBER: US/10/731.739
; CURRENT FILING DATE: 2003-12-10
; PRIOR APPLICATION NUMBER: US/09/544,398B
; PRIOR FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: US 09/229,319
; PRIOR FILING DATE: 1999-01-13
; PRIOR APPLICATION NUMBER: US 60/071,449
; PRIOR FILING DATE: 1998-01-13
; PRIOR APPLICATION NUMBER: US 60/105,511
; PRIOR FILING DATE: 1998-10-23
; NUMBER OF SEQ ID NOS: 641
; SOFTWARE: ParseSeq for Windows Version 4.0
; SEQ ID NO 502
; LENGTH: 19
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-731-739-502

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 8.9e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 946 CAACGAGATCCCGGAC 964
DB 1 CAACGAGATCTCTAGC 19

RESULT 1218
US-09-758-881-132
; Sequence 132, Application US/09758881
; Patent No. US20010029250A1
; GENERAL INFORMATION:
; APPLICANT: KARRAS, James G
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of STAT3
; FILE REFERENCE: ISPH-0532
; CURRENT APPLICATION NUMBER: US/09/758.881
; CURRENT FILING DATE: 2001-01-11
; PRIOR APPLICATION NUMBER: PCT/US00/09054
; PRIOR FILING DATE: 2000-04-06
; PRIOR APPLICATION NUMBER: 09/288,461
; PRIOR FILING DATE: 1999-04-08
; NUMBER OF SEQ ID NOS: 152
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 132
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-758-881-132

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5027 TGGGCTCTTGTTCCAGG 5045
DB 2 TCGGCACTTGTTCCAGG 20

RESULT 1219
US-09-790-417-113
; Sequence 113, Application US/09790417

Patent No. US20010031470A1
; GENERAL INFORMATION:
; APPLICANT: Shultz, John W
; APPLICANT: Lewis, Martin K.
; APPLICANT: Lieppe, Donna
; APPLICANT: Mandrekas, Michelle
; APPLICANT: Kephart, Daniel
; APPLICANT: Rhodes, Richard B.
; APPLICANT: Andrews, Christine A.
; APPLICANT: Hartnett, James R.
; APPLICANT: Olson, Ryan J.
; APPLICANT: Wood, Keith W.
; APPLICANT: Welch, Roy
; TITLE OF INVENTION: Nucleic Acid Detection
; FILE REFERENCE: Pro-103 6868/75528
; CURRENT APPLICATION NUMBER: US/09/790,417
; CURRENT FILING DATE: 2001-02-22
; PRIOR APPLICATION NUMBER: 09/358,972
; PRIOR FILING DATE: 1999-07-21
; PRIOR APPLICATION NUMBER: 09/042,287
; PRIOR FILING DATE: 1998-03-13
; NUMBER OF SEQ ID NOS: 290
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 113
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: probe for human cystic fibrosis gene
US-09-790-417-113

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCTGAACAGCA 367
Db 2 CAGGTCCTGTAACAGCA 20

RESULT 1220
US-09-465-589-8
; Sequence 8, Application US/09465589
; Patent No. US20020031764A1
; GENERAL INFORMATION:
; APPLICANT: Koch, John Ertland
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR AMPLIFYING MULTIPLE TANDEM REPEATS
; FILE REFERENCE: 4305/1E293-US2
; CURRENT APPLICATION NUMBER: US/09/465,589
; CURRENT FILING DATE: 1999-12-17
; PRIOR APPLICATION NUMBER: US 09/091,146
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: PCT/DK96/00513
; PRIOR FILING DATE: 1996-12-05
; PRIOR APPLICATION NUMBER: DK 1379/95
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide with internal repetitions
US-09-465-589-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 278 CTTCTCTCTCTCTCTCT 296

Db 1 CTTCTCTCTCTCTCTCT 19

RESULT 1221
US-09-908-825-3/c
; Sequence 3, Application US/09908825
; Publication No. US20020035083A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Pharma Company
; TITLE OF INVENTION: CRF2 LIGANDS IN COMBINATION THERAPY
; FILE REFERENCE: PH7100
; CURRENT APPLICATION NUMBER: US/09/908,825
; CURRENT FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 60/219,391
; PRIOR FILING DATE: 2000-07-19
; NUMBER OF SEQ ID NOS: 5
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-825-3

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCCTTCATC 1733
Db 20 CCTCATCACCCTTCATC 2

RESULT 1222
US-09-733-294A-21
; Sequence 21, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Manciewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; CURRENT FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; PRIOR FILING DATE: 2000-05-16
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-733-294A-21

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1657 GCTTTCGACGCTCTGCA 1675
Db 2 GCTTCGACGACGCTCCGCA 20

RESULT 1223
US-09-733-294A-39
; Sequence 39, Application US/09733294A
; Patent No. US20020045588A1
; GENERAL INFORMATION:

```

; APPLICANT: Brett P. Monia
; APPLICANT: William Gaerde
; APPLICANT: Susan M. Freier
; APPLICANT: Edward V. Mancewicz
; TITLE OF INVENTION: ANTISENSE MODULATION OF TERT EXPRESSION
; FILE REFERENCE: ISPH-0527
; CURRENT APPLICATION NUMBER: US/09/733,294A
; PRIOR FILING DATE: 2000-12-07
; PRIOR APPLICATION NUMBER: 09/572,423
; NUMBER OF SEQ ID NOS: 108
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
; US-09-733-294A-39

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4 GGGCATGGCATCCGACGTG 22
        |||||
Db      1 GGCCAGGCGCTTCCGACGTG 19

RESULT 1224
US-09-810-560-13
; Sequence 13, Application US/09810560
; Patent No. US20020052487A1
; GENERAL INFORMATION:
; APPLICANT: CAROSELLA, EDGARDO D
; APPLICANT: MOREAU, PHILIPPE
; APPLICANT: GLUCKMAN, ELIANE
; APPLICANT: KIRSZENBAUM, MAREK
; TITLE OF INVENTION: TRANSCRIPTS OF THE MHC CLASS I HLA-G GENE AND THEIR APPLICATIONS
; FILE REFERENCE: 204824USO DIV
; CURRENT APPLICATION NUMBER: US/09/810,560
; CURRENT FILING DATE: 2001-03-19
; PRIOR APPLICATION NUMBER: US 08/958,316
; PRIOR FILING DATE: 1997-10-27
; PRIOR APPLICATION NUMBER: US 08/406,057
; PRIOR FILING DATE: 1995-03-17
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; US-09-810-560-13

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2609 CCACAGCCCTGCTTTGCC 2627
        |||||
Db      1 CCACCACCCCTGCTTTGAC 19

RESULT 1225
US-09-752-639-57
; Sequence 57, Application US/09752639
; Patent No. US20020091243A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; NUMBER OF SEQUENCES: 154
```

```

; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/752,639
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577.21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-752-639-57

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      5122 TGGGTGATGCTTCTTA 5140
        |||||
Db      1 TGGGTGATGCTTGTGTA 19

RESULT 1226
US-09-984-198-57
; Sequence 57, Application US/09984198
; Patent No. US20020106679A1
; GENERAL INFORMATION:
; APPLICANT: Gatanaga, T.
; APPLICANT: Granger, G.A.
; TITLE OF INVENTION: Factors Altering Tumor Necrosis
; TITLE OF INVENTION: Factor Receptor Releasing Enzyme Activity, and Methods
; NUMBER OF SEQUENCES: 154
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: MORRISON & FOERSTER
; STREET: 755 PAGE MILL ROAD
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304-1018
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: Windows
; SOFTWARE: FastSeq for Windows Version 2.0b
```

```

; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/984,198
; FILING DATE:
; CLASSIFICATION:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/US99/10793
; FILING DATE:
; APPLICATION NUMBER: 09/081,385
; FILING DATE:
; APPLICATION NUMBER: 08/964,747
; FILING DATE: 05-NOV-1997
; APPLICATION NUMBER: 60/030,761
; FILING DATE: 06-NOV-1996
; ATTORNEY/AGENT INFORMATION:
; NAME: Wu, Frank
; REGISTRATION NUMBER: 41,386
; REFERENCE/DOCKET NUMBER: 22000-20577,21
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-813-5600
; TELEFAX: 650-494-0792
; TELEX: 706141
; INFORMATION FOR SEQ ID NO: 57:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 20 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
;
US-09-984-198-57

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Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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```

QY      5122 TGGGTGATGCTTCTCTTA 5140
          ||||| ||||| |||||
Db      1 TGGGTGATGCTTCTCTGA 19

```

```

RESULT 1227
US-09-927-160-7
; Sequence 7, Application US/09927160
; Patent No. US20020108136A1
; GENERAL INFORMATION:
; APPLICANT: Patl, Sushma
; TITLE OF INVENTION: Transgenic Animals Produced by Homologous Sequence Targeting
; FILE REFERENCE: A-64580-4/RT/RMS/AMS
; CURRENT APPLICATION NUMBER: US/09/927,160
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: US 09/079,877
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: US 08/910,415
; PRIOR FILING DATE: 1997-08-13
; PRIOR APPLICATION NUMBER: US 60/041,173
; PRIOR FILING DATE: 1997-03-21
; PRIOR APPLICATION NUMBER: US 06/385,713
; PRIOR FILING DATE: 1995-02-08
; PRIOR APPLICATION NUMBER: US 08/275,916
; PRIOR FILING DATE: 1994-07-14
; PRIOR APPLICATION NUMBER: US 07/939,767
; PRIOR FILING DATE: 1992-09-02
; PRIOR APPLICATION NUMBER: US 07/873,438
; PRIOR FILING DATE: 1992-04-24
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 7
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
;
US-09-927-160-7

```

```

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;

```

```

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```

```

QY      349 CTGAGCGCCCTGAACAGCA 367
          ||||| ||||| |||||
Db      2 CAGAGTACTCTGAACACAGCA 20

```

```

RESULT 1228
US-09-870-956-33/C
; Sequence 33, Application US/09870956
; Patent No. US20020127669A1
; GENERAL INFORMATION:
; APPLICANT: Knipp, Gregory T.
; APPLICANT: Herrera-Ruiz, Dea
; APPLICANT: Rutgers, The State University of New Jersey
; TITLE OF INVENTION: No. US20020127669A1e1 Compositions for the Expression of the Hum
; FILE REFERENCE: Rutgers 00-0126
; CURRENT APPLICATION NUMBER: US/09/870,956
; PRIOR FILING DATE: 2001-05-31
; PRIOR APPLICATION NUMBER: 60/208,061
; PRIOR FILING DATE: 2000-05-31
; NUMBER OF SEQ ID NOS: 56
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 33
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
;
US-09-870-956-33

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Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      3921 ACGCGCGCGCGCGCGCTGC 3939
          ||||| ||||| |||||
Db      19 ACGCCCGACCGCGCGCGCCGC 1

```

```

RESULT 1229
US-09-909-320-124
; Sequence 124, Application US/09909320
; Patent No. US20020132240A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Garber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavitt, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same

```



```
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909/320
PRIOR APPLICATION NUMBER: 2002-01-04
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20344
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-909-320-124

Query Match      0.3% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1230
US-09-909-088B-124
Sequence 124, Application US/09909088B
Patent No. US20020146709A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, A.
```

```
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guiney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavrin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OR INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909/088B
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-909-088B-124

Query Match      0.3% Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1231
US-09-911-176B-9
```

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; Sequence 9, Application US/09911176B
; Patent No. US20020156243A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ANTIBODIES THAT BIND AN
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGY
; FILE REFERENCE: 97-30D1
; CURRENT APPLICATION NUMBER: US/09/911,176B
; CURRENT FILING DATE: 2001-07-23
; PRIOR APPLICATION NUMBER: 09/118,408
; PRIOR FILING DATE: 1998-07-17
; PRIOR APPLICATION NUMBER: 60/053,154
; PRIOR FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC13532
US-09-911-176B-9

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2492 GACAGGCGATGAGTACAC 2510
Db      1 GAGAGGCGCTGAGAGACAC 19

RESULT 1232
US-09-905-291A-124
; Sequence 124, Application US/09905291A
; Patent No. US20020160374A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,291A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
```

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; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-905-291A-124

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTCTA 19

RESULT 1233
US-09-953-499-16
; Sequence 16, Application US/09953499
; Publication No. US20020182206A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Gurney, Audrey
; APPLICANT: Goddard, Andrew
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: COMPOUNDS, COMPOSITIONS AND METHODS FOR THE TREATMENT
; TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
; FILE REFERENCE: P1216R1(US)
; CURRENT APPLICATION NUMBER: US/09/953,499
; CURRENT FILING DATE: 2001-09-14
; PRIOR APPLICATION NUMBER: US/09/254,465
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US98/24855
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: US 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: US 60/078,936
; PRIOR FILING DATE: 1998-03-20
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PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-09-953-499-16

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1234
US-09-902-853-124
Sequence 124, Application US/09902853
Publication No. US20020192659A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,853
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05

PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-902-853-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1235
US-09-907-824-124
Sequence 124, Application US/09907824
Publication No. US2002019671A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,824
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22

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; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-824-124
```

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Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      2701 TTGAGTTTCACGTCGCTA 2719
Db      1 TTGCCTTACTCAGTCGCTA 19
```

```
RESULT 1236
US-09-907-841-124
; Sequence 124, Application US/09907841
; Publication No. US20020198366A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Gurney, Austin J.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
```

```
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,841
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide probe
US-09-907-841-124
```

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Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      2701 TTGAGTTTCACGTCGCTA 2719
Db      1 TTGCCTTACTCAGTCGCTA 19
```

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RESULT 1237
US-09-904-011-124
; Sequence 124, Application US/09904011
; Publication No. US20030003530A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin J.
; APPLICANT: Hillan, Kenneth, J.
```


Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1242

US-09-824-322B-51
; Sequence 51, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-51

Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTCTTCTCT 285

Db 2 CCCATCTCTCTCCCTCTCT 20

RESULT 1243

US-09-824-322B-195
; Sequence 195, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 195
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-195

Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2209 ACAAGAAGTGAGTCCCTT 2227

Db 2 AGAAAAAGCTGAGACCCCTT 20

RESULT 1244

US-09-824-322B-287/C
; Sequence 287, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 287
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-287

Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 CCAACTGCAAGCGCTGTTG 1325

Db 20 CCGAGTGCAAGCGCTGTAG 2

RESULT 1245

US-09-824-322B-374/C
; Sequence 374, Application US/09824322B
; Publication No. US20030022848A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/09/824,322B
; CURRENT FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 374
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-09-824-322B-374

Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 104 CTCTCCGAGCTGCTCCAGA 122

Db 20 CTCTCCAGAGTGTCCAGA 2

RESULT 1246
US-09-906-742-124
Sequence 124, Application US/09906742
Publication No. US20030023054A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Aekkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Peoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,742
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28664
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28665
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28665
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423

SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-906-742-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Db 2701 TTGAGTTCTCAGTCTCTA 2719
1 TTCCCTTACTCAGTCTCTA 19
RESULT 1247
US-09-888-326-618
Sequence 618, Application US/09888326
Publication No. US20030026801A1
GENERAL INFORMATION:
APPLICANT: Weimer, George
APPLICANT: Hartmann, Gunther
TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
TITLE OF INVENTION: Cell Lysis and Treating Cancer
FILE REFERENCE: C1039/7052 (AWS)
CURRENT APPLICATION NUMBER: US/09/888,326
CURRENT FILING DATE: 2001-06-22
PRIOR APPLICATION NUMBER: US 60/213,346
PRIOR FILING DATE: 2000-06-22
NUMBER OF SEQ ID NOS: 848
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 618
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide
NAME/KEY: misc_feature
LOCATION: (0)...(0)
OTHER INFORMATION: chimeric phosphorothioate/phosphodiester backbone
NAME/KEY: modified base
LOCATION: (9)...(8)
OTHER INFORMATION: misc
US-09-888-326-618
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Db 1357 TGCACGAGGCTCTGAGTCT 1376
1 TTCATGTNGTCTCTGAGTCT 20
RESULT 1248
US-09-906-838-124
Sequence 124, Application US/09906838
Publication No. US20030027143A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Aekkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerlitsen, Mary E.

Qy	2701	TTGAGTTTCTCAGGTGCTA	2719
Db	1	TTGCCTTACTCAGGTGCTA	19

```

NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA

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; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide probe
US-09-907-613-124

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGTGCTA 2719
Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1250
US-09-907-942-124
; Sequence 124, Application US/09907942
; Publication No. US20030027146A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,942
; PRIOR FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
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; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide probe
US-09-907-942-124

Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGTGCTA 2719
Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1251
US-09-904-859-124
; Sequence 124, Application US/09904859
; Publication No. US20030036060A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,859
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
```

```

; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-859-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1252
US-09-909-204-124
; Sequence 124, Application US/09909204
; Publication No. US20030036061A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batou, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltzen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Macher, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
```

```

; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/909,204
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-909-204-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1253
US-09-904-820-124
; Sequence 124, Application US/09904820
; Publication No. US20030036094A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Batou, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
```

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; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumaas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,820
; PRIOR FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-820-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      2701 TTGAGTTTCTCAGGTGCTA 2719
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DB      1 TTGCCTTACTCAGGTGCTA 19
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RESULT 1254
US-09-904-786-124
; Sequence 124, Application US/09904786
; Publication No. US20030039969A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guiney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumaas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,786
; PRIOR FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-786-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY      2701 TTGAGTTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19
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RESULT 1255
US-09-906-646-124
; Sequence 124, Application US/09906646
; Publication No. US20030039971A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
```

APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kijavini, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: 10466-14
 CURRENT APPLICATION NUMBER: US/09/906,646
 CURRENT FILING DATE: 2002-01-22
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 PRIOR APPLICATION NUMBER: PCT/US99/28313
 PRIOR FILING DATE: 1999-11-30
 PRIOR APPLICATION NUMBER: PCT/US99/28564
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/28565
 PRIOR FILING DATE: 1999-12-02
 PRIOR APPLICATION NUMBER: PCT/US99/30095
 PRIOR FILING DATE: 1999-12-16
 PRIOR APPLICATION NUMBER: PCT/US99/30211
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US99/30999
 PRIOR FILING DATE: 1999-12-20
 PRIOR APPLICATION NUMBER: PCT/US00/00219
 PRIOR FILING DATE: 2000-01-05
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 124
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 OTHER INFORMATION: Oligonucleotide probe
 US-09-906-646-124

Query Match	0.3%	Score 14.2;	DB 1;	Length 20;
Best Local Similarity	84.2%;	Pred. No. 9.5e+02;		
Matches 16;	Conservative 0;	Mismatches 3;	Indels 0;	Gaps 0;

QY	2701	TTGAGTTCTCAGGTGCTA	2719
Db	1	TTGCCCTTACTCAGGTGCTA	19

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1 RESULT 1256
2 US-09-906-700-124
3 Sequence 124, Application US/09906700
4 Publication No. US200303972A1
5 GENERAL INFORMATION:
6 APPLICANT: Genentech, Inc.
7 APPLICANT: Ashkenazi, Avi
8 APPLICANT: Botstein, David
9 APPLICANT: Desnovers, Luc
10 APPLICANT: Eaton, Dan L.
11 APPLICANT: Ferrara, Napoleone
12 APPLICANT: Filvaroff, Ellen
13 APPLICANT: Fong, Wei-Qiang
14 APPLICANT: Gerber, Hanspeter
15 APPLICANT: Gerritsen, Mary E.
16 APPLICANT: Goddard, A.
17 APPLICANT: Godowski, Paul J.
18 APPLICANT: Grimaldi, Christopher J.
19 APPLICANT: Gurney, Austin L.
20 APPLICANT: Hillan, Kenneth, J.
21 APPLICANT: Kijavlin, Ivar J.
22 APPLICANT: Mather, Jennie P.
23 APPLICANT: Pan, James
24 APPLICANT: Paoni, Nicholas F.
25 APPLICANT: Roy, Margaret Ann
26 APPLICANT: Stewart, Timothy A.
27 APPLICANT: Tumas, Daniel
28 APPLICANT: Williams, P. Mickey
29 APPLICANT: Wood, William, I.
30 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
31 FILE REFERENCE: 10466-14
32 CURRENT APPLICATION NUMBER: US/09/906, 700
33 CURRENT FILING DATE: 2000-09-18
34 PRIOR APPLICATION NUMBER: PCT/US00/04414
35 PRIOR FILING DATE: 2000-02-22
36 PRIOR APPLICATION NUMBER: US 60/143,048
37 PRIOR FILING DATE: 1999-07-07
38 PRIOR APPLICATION NUMBER: US 60/145,598
39 PRIOR FILING DATE: 1999-07-26
40 PRIOR APPLICATION NUMBER: US 60/146,222
41 PRIOR FILING DATE: 1999-07-28
42 PRIOR APPLICATION NUMBER: PCT/US99/20594
43 PRIOR FILING DATE: 1999-09-08
44 PRIOR APPLICATION NUMBER: PCT/US99/20944
45 PRIOR FILING DATE: 1999-09-13
46 PRIOR APPLICATION NUMBER: PCT/US99/21090
47 PRIOR FILING DATE: 1999-09-15
48 PRIOR APPLICATION NUMBER: PCT/US99/21547
49 PRIOR FILING DATE: 1999-09-15
50 PRIOR APPLICATION NUMBER: PCT/US99/23089
51 PRIOR FILING DATE: 1999-10-05
52 PRIOR APPLICATION NUMBER: PCT/US99/28214
53 PRIOR FILING DATE: 1999-11-29
54 PRIOR APPLICATION NUMBER: PCT/US99/28313
55 PRIOR FILING DATE: 1999-11-30
56 PRIOR APPLICATION NUMBER: PCT/US99/28564
57 PRIOR FILING DATE: 1999-12-02
58 PRIOR APPLICATION NUMBER: PCT/US99/28565
59 PRIOR FILING DATE: 1999-12-02
60 PRIOR APPLICATION NUMBER: PCT/US99/30095
61 PRIOR FILING DATE: 1999-12-16
62 PRIOR APPLICATION NUMBER: PCT/US99/30911
63 PRIOR FILING DATE: 1999-12-20
64 PRIOR APPLICATION NUMBER: PCT/US99/30999
65 PRIOR FILING DATE: 1999-12-20
66 PRIOR APPLICATION NUMBER: PCT/US00/00219
67 PRIOR FILING DATE: 2000-01-05
68 NUMBER OF SEQ ID NOS: 423
69 SEQ ID NO 124
70 LENGTH: 20

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; PRIOR FILING DATE: 2000-01-05
;
; NUMBER OF SEQ ID NOS: 423
;
; SEQ ID NO 124
;
; LENGTH: 20
;

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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-906-700-124

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGGTGCTA 2719
DB      1 TTGCTTACTCAGGTGCTA 19

RESULT 1257
US-09-858-152A-14
; Sequence 14, Application US/09858152A
; Publication No. US2003004419A1
; GENERAL INFORMATION:
; APPLICANT: THE GOVERNMENT OF THE UNITED STATES OF AMERICA AS REPRESENTED BY THE
; APPLICANT: SECRETARY OF THE DEPARTMENT OF HEALTH AND HUMAN SERVICES
; APPLICANT: Marchetti, Antonio
; APPLICANT: Buttila, Flamma
; APPLICANT: Smith, Gilbert H.
; APPLICANT: Callahan, Robert
; TITLE OF INVENTION: NUCLEOTIDE AND DEDUCED AMINO ACID SEQUENCES OF TUMOR GENE INT6
; FILE REFERENCE: 4239-59122
; CURRENT APPLICATION NUMBER: US/09/858,152A
; NUMBER OF SEQ ID NOS: 32
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide primer
US-09-858-152A-14

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3810 AAGAGCCCAAGGAGCCCA 3828
DB      2 AAGAGCCCAAGGAGATCTTA 20

RESULT 1258
US-09-903-786-124
; Sequence 124, Application US/09903786
; Publication No. US20030044793A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Geo, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerlitsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
```

```

; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/903,786
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-786-124

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGGTGCTA 2719
DB      1 TTGCTTACTCAGGTGCTA 19

RESULT 1259
US-09-903-903-124
; Sequence 124, Application US/09902903
; Publication No. US20030044839A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
```

APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Mather, Jennie F.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Thomas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,903
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Oligonucleotide probe
US-09-903-903-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2701 TTGAGTTCTTCAGTGCTA 2719
Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1260
US-09-828-344-36/c
Sequence 36, Application US/09828344
Publication No. US20030044979A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE I EXPRESSION
FILE REFERENCE: RTS-0147
CURRENT APPLICATION NUMBER: US/09/828,344
CURRENT FILING DATE: 2001-04-06
NUMBER OF SEQ ID NOS: 176
SEQ ID NO 36
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-828-344-36

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3963 CACCTCCAGCAGCTCCAGG 3981
Db 19 CACCGACAGCATTCAGG 1

RESULT 1261
US-09-865-866-30
Sequence 30, Application US/09865866
Publication No. US20030045487A1
GENERAL INFORMATION:
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) E
FILE REFERENCE: RTS-0221
CURRENT APPLICATION NUMBER: US/09/865,866
CURRENT FILING DATE: 2001-05-25
NUMBER OF SEQ ID NOS: 173
SEQ ID NO 30
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-865-866-30

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3134 CAGTGGGCCCAAGACCTG 3152
Db 2 CAGTAGGCCCAAGATCATG 20

RESULT 1262
US-09-903-749A-124
Sequence 124, Application US/09903749A
Publication No. US20030045693A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi


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; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide Probe
US-09-904-119-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1264
US-09-904-956-124
; Sequence 124, Application US/09904956
; Publication No. US20030049622A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,956
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
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; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-904-956-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1265
US-09-902-736-124
; Sequence 124, Application US/09902736
; Publication No. US20030049676A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,736
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; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-902-736-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGTGCTA 2719
Db      1 TTGCCTTACTCAGTGCTA 19

RESULT 1266
US-09-907-794-124
; Sequence 124, Application US/09907794
; Publication No. US20030049677A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
```

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; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Guirney, Austin L.
; APPLICANT: Hillen, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumaas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/907,794
; CURRENT FILING DATE: 2001-07-17
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-794-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGTGCTA 2719
Db      1 TTGCCTTACTCAGTGCTA 19

RESULT 1267.
US-09-903-943-124
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Sequence 124, Application US/09903943
GENERAL INFORMATION: US20030054349A1
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,943
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA

ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-943-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OR 2701 TTGAGTTTCAGTGCTA 2719
DB 1 TTGCCTTACTCAGGCTA 19
RESULT 1268
US-09-904-462-124
Sequence 124, Application US/09904462
GENERAL INFORMATION: US20030054351A1
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,462
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30

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: PRIOR APPLICATION NUMBER: PCT/US99/28564
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/28565
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/30095
: PRIOR FILING DATE: 1999-12-16
: PRIOR APPLICATION NUMBER: PCT/US99/30911
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US99/30999
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US00/00219
: PRIOR FILING DATE: 2000-01-05
: NUMBER OF SEQ ID NOS: 423
: SEQ ID NO 124
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-462-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19

RESULT 1269
US-09-907-925-124
: Sequence 124, Application US/09907925
: Publication No. US20030054352A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Botstein, David
: APPLICANT: Desnovers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gottlieb, Mary E.
: APPLICANT: Goddard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth, J.
: APPLICANT: Kijavlin, Ivar J.
: APPLICANT: Kijavlin, Jennie P.
: APPLICANT: Mather, Jennie P.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William, I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: 10466-14
: CURRENT APPLICATION NUMBER: US/09/907,925
: PRIOR APPLICATION NUMBER: 2001-07-17
: PRIOR APPLICATION NUMBER: 09/665,350
: PRIOR FILING DATE: 2000-09-18
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: US 60/143,048
: PRIOR FILING DATE: 1999-07-07
: PRIOR APPLICATION NUMBER: US 60/145,698
: PRIOR FILING DATE: 1999-07-26
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: PRIOR APPLICATION NUMBER: US 60/146,222
: PRIOR FILING DATE: 1999-07-28
: PRIOR APPLICATION NUMBER: PCT/US99/20594
: PRIOR FILING DATE: 1999-09-08
: PRIOR APPLICATION NUMBER: PCT/US99/20944
: PRIOR FILING DATE: 1999-09-13
: PRIOR APPLICATION NUMBER: PCT/US99/21090
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/21547
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/23089
: PRIOR FILING DATE: 1999-10-05
: PRIOR APPLICATION NUMBER: PCT/US99/28214
: PRIOR FILING DATE: 1999-11-29
: PRIOR APPLICATION NUMBER: PCT/US99/28313
: PRIOR FILING DATE: 1999-11-30
: PRIOR APPLICATION NUMBER: PCT/US99/28564
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/28565
: PRIOR FILING DATE: 1999-12-02
: PRIOR APPLICATION NUMBER: PCT/US99/30095
: PRIOR FILING DATE: 1999-12-16
: PRIOR APPLICATION NUMBER: PCT/US99/30911
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US99/30999
: PRIOR FILING DATE: 1999-12-20
: PRIOR APPLICATION NUMBER: PCT/US00/00219
: PRIOR FILING DATE: 2000-01-05
: NUMBER OF SEQ ID NOS: 423
: SEQ ID NO 124
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-925-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19

RESULT 1270
US-09-902-692-124
: Sequence 124, Application US/09902692
: Publication No. US20030054400A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Botstein, David
: APPLICANT: Desnovers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gottlieb, Mary E.
: APPLICANT: Goddard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth, J.
: APPLICANT: Kijavlin, Ivar J.
: APPLICANT: Kijavlin, Jennie P.
: APPLICANT: Mather, Jennie P.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
```

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APPLICANT: Pong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guirney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OR INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,520
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903,520-124
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Prd. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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Db 1 TTGCCTTACTCAGTGTCTA 19

RESULT 1272
US-09-905-056-124
Sequence 124, Application US/09905056
Publication No. US2003005441A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905, 056
CURRENT FILING DATE: 2002-01-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143, 048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145, 698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146, 222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05

NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-905-056-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGTGTCTA 2719
Db 1 TTGCCTTACTCAGTGTCTA 19

RESULT 1273
US-09-909-064-124
Sequence 124, Application US/09909064
Publication No. US20030059772A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/909, 064
CURRENT FILING DATE: 2001-07-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143, 048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145, 698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214

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; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-909-064-124
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 2701 TTGAGTTTCAGTGCTA 2719
Db 1 TTGCCTTACTCAGTGCTA 19
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RESULT 1274
US-09-904-553-124
; Sequence 124, Application US/09904553
; Publication No. US20030059828A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,553
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
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; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURES:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-904-553-124
```

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Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY 2701 TTGAGTTTCAGTGCTA 2719
Db 1 TTGCCTTACTCAGTGCTA 19
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RESULT 1275
US-09-905-381-124
; Sequence 124, Application US/09905381
; Publication No. US20030059829A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
```

```
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,381
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-905-381-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Oy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19
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RESULT 1276
US-09-904-485-124
; Sequence 124, Application US/09904485
; Publication No. US2003006367A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
```

```
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Geritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavitt, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,485
PRIOR FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-485-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
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Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCAGGTGCTA 2719

Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1277
US-09-905-348-124
; Sequence 124, Application US/09905348
; Publication No. US20030064923A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OR INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,348
; CURRENT FILING DATE: 2001-07-13
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20

; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-905-348-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCAGGTGCTA 2719

Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1278
US-09-888-361-128/C
; Sequence 128, Application US/09888361
; Publication No. US20030064944A1
; GENERAL INFORMATION:
; APPLICANT: Susan Murray
; APPLICANT: Jacqueline Wyalc
; TITLE OF INVENTION: ANTISENSE MODULATION OF TRANSFORMING GROWTH FACTOR BETA RECEPTOR
; FILE REFERENCE: RFS-0158
; CURRENT APPLICATION NUMBER: US/09/888,361
; CURRENT FILING DATE: 2001-06-21
; NUMBER OF SEQ ID NOS: 163
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-888-361-128

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1534 AGAAATCCTGCGCTCAT 1552

Db 19 AGAACATCTGCGATTCCT 1

RESULT 1279
US-09-905-088-124
; Sequence 124, Application US/09905088
; Publication No. US20030073077A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mathier, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,088
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-905-088-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTCTCAGGTGCTA 2719
|||||
1 TTGCCTTACTCAGGTGCTA 19

RESULT 1280
US-09-907-575-124
; Sequence 124, Application US/09907575
; Publication No. US20030073079A1

GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mathier, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,575
CURRENT FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe

US-09-907-575-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCAGGTGCTA 2719

Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1281

US-09-905-075-124

; Sequence 124, Application US/09905075
; Publication No. US20030077583A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Macher, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/905,075
; PRIORITY FILING DATE: 2001-07-13
; Prior application data removed. Check file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-905-075-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCAGGTGCTA 2719

Db 1 TTGCCTTACTCAGGTGCTA 19

RESULT 1282

US-09-902-759-124

; Sequence 124, Application US/09902759
; Publication No. US20030077654A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi

; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Macher, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/902,759
; PRIORITY FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-09-902-759-124

Query Match

0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCCTTACTCAGGTGCTA 19.

RESULT 1283
US-09-782-974C-139
; Sequence 139, Application US/09782974C
; Publication No. US20030082534A1
; GENERAL INFORMATION:
; APPLICANT: Vogel, Gabriel
; APPLICANT: Lind, Peter
; APPLICANT: Wood, Linda S.
; APPLICANT: Parodi, Luis A.
; TITLE OF INVENTION: No. US20030082534A1 G Protein Coupled Receptor
; FILE REFERENCE: 411USPHRM311
; CURRENT APPLICATION NUMBER: US/09/782,974C
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/165,838
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 09/714,449
; PRIOR FILING DATE: 2000-11-16
; PRIOR APPLICATION NUMBER: 60/158,568
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/166,071
; PRIOR FILING DATE: 1999-11-17
; PRIOR APPLICATION NUMBER: 60/185,421
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/166,678
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: 60/173,396
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/184,129
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: 60/185,421
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/185,554
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/186,530
; PRIOR FILING DATE: 2000-03-02
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 139
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030082534A1 G Protein Coupled Receptor
US-09-782-974C-139

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1908 CACTCCCTGCAGAAATCA 1926
Db 1 CACACCCACCAAGAAATCA 19

RESULT 1284
US-09-782-974C-168
; Sequence 168, Application US/09782974C
; Publication No. US20030082534A1
; GENERAL INFORMATION:
; APPLICANT: Vogel, Gabriel
; APPLICANT: Lind, Peter
; APPLICANT: Wood, Linda S.
; APPLICANT: Parodi, Luis A.
; TITLE OF INVENTION: No. US20030082534A1 G Protein Coupled Receptor
; FILE REFERENCE: 411USPHRM311
; CURRENT APPLICATION NUMBER: US/09/782,974C

; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/165,838
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 09/714,449
; PRIOR FILING DATE: 2000-11-16
; PRIOR APPLICATION NUMBER: 60/198,568
; PRIOR FILING DATE: 2000-04-20
; PRIOR APPLICATION NUMBER: 60/166,071
; PRIOR FILING DATE: 1999-11-17
; PRIOR APPLICATION NUMBER: 60/166,678
; PRIOR FILING DATE: 1999-11-19
; PRIOR APPLICATION NUMBER: 60/173,396
; PRIOR FILING DATE: 1999-12-28
; PRIOR APPLICATION NUMBER: 60/184,129
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: 60/185,421
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/185,554
; PRIOR FILING DATE: 2000-02-28
; PRIOR APPLICATION NUMBER: 60/186,530
; PRIOR FILING DATE: 2000-03-02
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 192
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 168
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: No. US20030082534A1 G Protein Coupled Receptor
US-09-782-974C-168

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1908 CACTCCCTGCAGAAATCA 1926
Db 1 CACACCCACCAAGAAATCA 19

RESULT 1285
US-09-902-634-124
; Sequence 124, Application US/09902634
; Publication No. US20030082540A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavitt, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same

```
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902/634
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-902-634-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavrin, Ivar J.
APPLICANT: Mathew, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,713
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-902-713-124
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

Sequence 124, Application US/09907979
Publication No. US20030082542A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertschen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavich, Ivar J.
APPLICANT: Macher, Jennie F.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tuma, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secretd and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,979
CURRENT FILING DATE: 2001-07-17
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,638
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20344
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-09-907-979-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGTGCTA 2719
DB 1 TTGCTTACTCAGTGCTA 19

RESULT 1298
US-09-912-724-23/c
Sequence 23, Application US/09912724
Publication No. US20030083280A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF C-REACTIVE PROTEIN EXPRESSION
FILE REFERENCE: 159H-0584
CURRENT APPLICATION NUMBER: US/09/912,724
CURRENT FILING DATE: 2001-07-25
NUMBER OF SEQ ID NOS: 63
SEQ ID NO 23
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-912-724-23

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 463 GTGGGTCCTGGGGTGCT 481
DB 20 GTGGGTCCTGAGGTACT 2

RESULT 1289
US-09-915-485-25/c
Sequence 25, Application US/09915485
Publication No. US20030083281A1
GENERAL INFORMATION:
APPLICANT: Mark J. Graham
APPLICANT: Susan M. Freier
TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
FILE REFERENCE: RTS-0251
CURRENT APPLICATION NUMBER: US/09/915,485
CURRENT FILING DATE: 2001-07-25
NUMBER OF SEQ ID NOS: 89
SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-485-25

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1788 CTCTCAAGGCGCAGGAA 1806
DB 19 CTCTCAAGGCGTGGGA 1

RESULT 1290
US-09-915-485-26/c

```
; Sequence 26, Application US/09915485
; Publication No. US20030083281A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/915.485
; CURRENT FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 26
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-485-26

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1788 CTCTCAAGGGGCGAGGAA 1806
Db      20 CTCTCAAGGGGTTGGGGA 2
      |||||
      |||||

RESULT 1291
US-09-915-485-39/c
; Sequence 39, Application US/09915485
; Publication No. US20030083281A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/915.485
; CURRENT FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-485-39

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      224 CAGCGGTGCGAGGCTGAT 242
Db      20 CAGCGGTTCAGGCTCTAT 2
      |||||
      |||||

RESULT 1292
US-09-915-485-89/c
; Sequence 89, Application US/09915485
; Publication No. US20030083281A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SERUM AMYLOID A4 EXPRESSION
; FILE REFERENCE: RTS-0251
; CURRENT APPLICATION NUMBER: US/09/915.485
; CURRENT FILING DATE: 2001-07-25
; NUMBER OF SEQ ID NOS: 89
; SEQ ID NO 89
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
```

```
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-485-89

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1585 TCCTGTGTAACAGAGAA 1603
Db      20 TGTGTGTAACACTGGGA 2
      |||||
      |||||

RESULT 1293
US-09-917-963-29
; Sequence 29, Application US/09917963
; Publication No. US20030086912A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOAL TRIGLYCERIDE TRANSFER PROTEIN
; FILE REFERENCE: ISPH-0591
; CURRENT APPLICATION NUMBER: US/09/917.963
; CURRENT FILING DATE: 2001-07-30
; NUMBER OF SEQ ID NOS: 137
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-917-963-29

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      248 GGTGAGCGCCAGGCCCC 266
Db      2 GGTGAGCGCCAGAGCTCC 20
      |||||
      |||||

RESULT 1294
US-09-776-479-48
; Sequence 48, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776.479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (8)...(8)
; OTHER INFORMATION: m5c
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-48

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 9.5e+02;
```

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376

Db 1 TCCATGTNGTCTCTGAGTCT 20

RESULT 1295

US-09-776-479-48
; Sequence 48, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: modified base
; LOCATION: (8)...(8)
; OTHER INFORMATION: m5c
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-48

Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1357 TGCACGAGGCTCTGAGTCT 1376

Db 1 TCCATGTNGTCTCTGAGTCT 20

RESULT 1296

US-09-776-479-1055/C
; Sequence 1055, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1055
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1055

Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 888 CCCCCAAGAAATCCCCC 906

Db 19 CCCCCAAGAAATCATCCCCC 1

RESULT 1297

US-09-776-479-1055/C
; Sequence 1055, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fournon, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 1055
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-1055

Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 888 CCCCCAAGAAATCCCCC 906

Db 19 CCCCCAAGAAATCATCCCCC 1

RESULT 1298

US-09-920-033-24/C
; Sequence 24, Application US/09920033
; Publication No. US20030087853A1
; GENERAL INFORMATION:
; APPLICANT: Rosanne M. Crooke
; APPLICANT: Mark J. Graham
; TITLE OF INVENTION: ANTISENSE MODULATION OF APOLIPOPROTEIN B EXPRESSION
; FILE REFERENCE: ISPH-0592
; CURRENT APPLICATION NUMBER: US/09/920,033
; PRIOR FILING DATE: 2001-08-01
; NUMBER OF SEQ ID NOS: 123
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-920-033-24

Query Match

Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1342 AGGTCAAGGCTTGCTGCA 1360

Db 20 AGGCAAGGCTTGCTGCA 2

RESULT 1299

US-09-953-611-28/C
; Sequence 28, Application US/09953611
; Publication No. US20030087855A1


```

: GENERAL INFORMATION:
: APPLICANT: Donna T. Ward
: TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN KINASE R EXPRESSION
: FILE REFERENCE: RTS-0208
: CURRENT APPLICATION NUMBER: US/09/953,611
: CURRENT FILING DATE: 2001-09-13
: NUMBER OF SEQ ID NOS: 91
: SEQ ID NO 28
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-953-611-28

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1882 AGAAGACTGCGTGCAGAT 1900
Db      19 AGAAGAAATGCGTGTAT 1

RESULT 1300
: Sequence 124, Application US/09902615
: Publication No. US20030092002A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Botstein, David
: APPLICANT: Desnovers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth, J.
: APPLICANT: Kljavin, Ivar J.
: APPLICANT: Mather, Jennie P.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William, I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: 10466-14
: CURRENT APPLICATION NUMBER: US/09/902,615
: CURRENT FILING DATE: 2001-12-14
: Prior application data removed. Check file wrapper or PALM.
: NUMBER OF SEQ ID NOS: 423
: SEQ ID NO 124
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-902-615-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 TACGAATTCGCCCAATG 687
Db      20 TACAGTTTCTGCCCAATG 2
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19

RESULT 1301
: Sequence 16, Application US/09845042
: Publication No. US20030092177A1
: GENERAL INFORMATION:
: APPLICANT: BELARDELLI, FILIPPO
: APPLICANT: SANTINI, STERANO MARIA
: APPLICANT: PARLATO, STERANO MARIA
: APPLICANT: DI PUCCHIO, TIZIANA
: APPLICANT: LOGOZZI, MARIANTONIA
: APPLICANT: LAPENTA, CATERINA
: APPLICANT: FERRANTINI, MARIA
: APPLICANT: SANTODONATO, LAURA
: APPLICANT: D'AGOSTINO, GIUSEPPINA
: TITLE OF INVENTION: METHOD FOR GENERATING HIGHLY ACTIVE HUMAN DENDRITIC
: TITLE OF INVENTION: CELLS FROM MONOCYTES
: FILE REFERENCE: 618742-8/JP/B-4161
: CURRENT APPLICATION NUMBER: US/09/845,042
: CURRENT FILING DATE: 2001-04-27
: NUMBER OF SEQ ID NOS: 37
: SOFTWARE: Patent In Ver. 2.1
: SEQ ID NO 16
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-845-042-16

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3171 GACCCCATGAAGCAGTGGG 3189
Db      19 GACCCCAATGAAGTGGG 1

RESULT 1302
: Sequence 76, Application US/09967669
: Publication No. US20030092650A1
: GENERAL INFORMATION:
: APPLICANT: C. Frank Bennett
: APPLICANT: Susan M. Freiler
: TITLE OF INVENTION: ANTISENSE MODULATION OF SPHINGOSINE-1-PHOSPHATE LYASE EXPRESSION
: FILE REFERENCE: RTS-0259
: CURRENT APPLICATION NUMBER: US/09/967,669
: CURRENT FILING DATE: 2001-09-28
: NUMBER OF SEQ ID NOS: 90
: SEQ ID NO 76
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-967-669-76

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      669 TACGAATTCGCCCAATG 687
Db      20 TACAGTTTCTGCCCAATG 2
```

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RESULT 1303
US-09-903-925-124
Sequence 124, Application US/09903925
Publication No. US20030096233A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyer, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kilgavin, Ivar J.
APPLICANT: Macher, Jemine P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,925
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,232
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423

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: SEQ ID NO 124
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-925-124

Query Match          0 34: Score 14.2; DB 1; Length 20;
Beet local similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps

Oy      2701 TTGAGTTCTCAGGTGCTA 2719
          ||| ||||| ||||| |||
Db       1 TTGCCTACTCAGGTGCTA 19

RESULT 1304
: Sequence 124, Application US/09906760A
: Publication No. US20030096340A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Bolstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth, J.
: APPLICANT: Kijavich, Ivar P.
: APPLICANT: Mather, Jennie P.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William, I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleotide
: FILE REFERENCE: 10466-14
: CURRENT APPLICATION NUMBER: US/09/906,760A
: CURRENT FILING DATE: 2001-07-16
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: US 6/143,048
: PRIOR FILING DATE: 1999-07-07
: PRIOR APPLICATION NUMBER: US 6/145,698
: PRIOR FILING DATE: 1999-07-26
: PRIOR APPLICATION NUMBER: US 6/146,222
: PRIOR FILING DATE: 1999-07-28
: PRIOR APPLICATION NUMBER: PCT/US99/20594
: PRIOR FILING DATE: 1999-09-08
: PRIOR APPLICATION NUMBER: PCT/US99/20944
: PRIOR FILING DATE: 1999-09-13
: PRIOR APPLICATION NUMBER: PCT/US99/21090
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/21547
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/22089
: PRIOR FILING DATE: 1999-10-05
: PRIOR APPLICATION NUMBER: PCT/US99/28214
: PRIOR FILING DATE: 1999-11-29
: PRIOR APPLICATION NUMBER: PCT/US99/28313

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PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-906-760A-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTCTCAGGTGCTA 2719

Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1305
US-09-915-814-144/c
Sequence 144, Application US/09915814
Publication No. US20030096771A1
GENERAL INFORMATION:
APPLICANT: Madeline M. Butler
APPLICANT: Andrew T. Watt
APPLICANT: Susan M. Freiler
APPLICANT: Jacqueline Wyatt
TITLE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION
FILE REFERENCE: ISPH-0587
CURRENT APPLICATION NUMBER: US/09/915,814
CURRENT FILING DATE: 2001-07-26
NUMBER OF SEQ ID NOS: 230
SEQ ID NO 144
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-814-144

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5001 CTCTCAGCTGCTGCTCA 5019

Db 19 CGCTCAGCCAGGTGCTCA 1

RESULT 1306
US-09-870-406A-15/c
Sequence 15, Application US/09870406A
Publication No. US20030104379A1
GENERAL INFORMATION:
APPLICANT: LAGRARIAS, JOHN
APPLICANT: KOICHI, TAKAYUKI
APPLICANT: FRANKENBERG, NICOLE
APPLICANT: GAMBETTA, GREGORY
APPLICANT: MONTGOMERY, BERONDA

TITLE OF INVENTION: HY2 FAMILY OF BILIN REDUCTASES
FILE REFERENCE: 407T-907720US
CURRENT APPLICATION NUMBER: US/09/870,406A
CURRENT FILING DATE: 2002-09-04
PRIOR APPLICATION NUMBER: 60/271,758
PRIOR FILING DATE: 2001-02-26
PRIOR APPLICATION NUMBER: 60/210,286
PRIOR FILING DATE: 2000-06-08
NUMBER OF SEQ ID NOS: 57
SOFTWARE: PatentIn version 3.0
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Primer
US-09-870-406A-15

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4702 CAGCTTCAGTGACACAGC 4720

Db 20 CAGTTTCAGTGACACAAAC 2

RESULT 1307
US-09-903-823-124
Sequence 124, Application US/09903823
Publication No. US20030104381A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Batton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,823
CURRENT FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944

```
;; PRIOR FILING DATE: 1999-09-13
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/23089
;; PRIOR FILING DATE: 1999-10-05
;; PRIOR APPLICATION NUMBER: PCT/US99/28214
;; PRIOR FILING DATE: 1999-11-29
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
;; PRIOR FILING DATE: 1999-11-30
;; PRIOR APPLICATION NUMBER: PCT/US99/28564
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/28565
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: 1999-12-16
;; PRIOR APPLICATION NUMBER: PCT/US99/30911
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/30999
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US00/00219
;; PRIOR FILING DATE: 2000-01-05
;; NUMBER OF SEQ ID NOS: 423
;; SEQ ID NO 124
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-823-124
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Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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OY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19
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RESULT 1308
US-09-907-652-124
; Sequence 124, Application US/09907652
; Publication No. US2003010469A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
```

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;; FILE REFERENCE: 10466-14
;; CURRENT APPLICATION NUMBER: US/09/907,652
;; CURRENT FILING DATE: 2002-01-16
;; PRIOR APPLICATION NUMBER: PCT/US00/04414
;; PRIOR FILING DATE: 2000-02-22
;; PRIOR APPLICATION NUMBER: US 60/143,048
;; PRIOR FILING DATE: 1999-07-07
;; PRIOR APPLICATION NUMBER: US 60/145,698
;; PRIOR FILING DATE: 1999-07-26
;; PRIOR APPLICATION NUMBER: US 60/146,222
;; PRIOR FILING DATE: 1999-07-28
;; PRIOR APPLICATION NUMBER: PCT/US99/20594
;; PRIOR FILING DATE: 1999-09-08
;; PRIOR APPLICATION NUMBER: PCT/US99/20944
;; PRIOR FILING DATE: 1999-09-13
;; PRIOR APPLICATION NUMBER: PCT/US99/21090
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/21547
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/23089
;; PRIOR FILING DATE: 1999-10-05
;; PRIOR APPLICATION NUMBER: PCT/US99/28214
;; PRIOR FILING DATE: 1999-11-29
;; PRIOR APPLICATION NUMBER: PCT/US99/28313
;; PRIOR FILING DATE: 1999-11-30
;; PRIOR APPLICATION NUMBER: PCT/US99/28564
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/28565
;; PRIOR FILING DATE: 1999-12-02
;; PRIOR APPLICATION NUMBER: PCT/US99/30095
;; PRIOR FILING DATE: 1999-12-16
;; PRIOR APPLICATION NUMBER: PCT/US99/30911
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US99/30999
;; PRIOR FILING DATE: 1999-12-20
;; PRIOR APPLICATION NUMBER: PCT/US00/00219
;; PRIOR FILING DATE: 2000-01-05
;; NUMBER OF SEQ ID NOS: 423
;; SEQ ID NO 124
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
;; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
;; OTHER INFORMATION: Oligonucleotide probe
US-09-907-652-124
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Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
OY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19
```

```
RESULT 1309
US-09-990-433-7
; Sequence 7, Application US/0990433
; Publication No. US20030105039A1
; GENERAL INFORMATION:
; APPLICANT: Pacifi. Suehna
; APPLICANT: Zarling, David
; APPLICANT: Sena, Elissa P.
; TITLE OF INVENTION: In Vivo Homologous Sequence Targeting in cells
; FILE REFERENCE: A-64580-5/RT/NBC
; CURRENT APPLICATION NUMBER: US/09/990,433
; CURRENT FILING DATE: 2001-11-20
; PRIOR APPLICATION NUMBER: US 09/079,877
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: US 08/910,415
; PRIOR FILING DATE: 1997-08-13
; PRIOR APPLICATION NUMBER: US 60/041,173
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: PRIOR FILING DATE: 1997-03-21
: PRIOR APPLICATION NUMBER: US 09/927,160
: PRIOR FILING DATE: 2001-08-09
: NUMBER OF SEQ ID NOS: 12
: SOFTWARE: PatentIn version 3.2
: SEQ ID NO: 7
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-990-433-7

Query Match          0.3%: Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

Oy      349 CTGAGCGCGCTGAAACAGGA 367
          ||||| ||||| ||||| |||||
Db      2 CAGAGTACCTGAAACAGGA 20

RESULT 1310
US-09-993-731-23
: Sequence 23, Application US/09993731
: Publication No. US20030105040A1
: GENERAL INFORMATION:
: APPLICANT: Brett P. Monia
: APPLICANT: Andrew T. Watt
: TITLE OF INVENTION: ANTISENSE MODULATION OF INHIBITOR-KAPPA B-R EXPRESSION
: FILE REFERENCE: RTS-0302
: CURRENT APPLICATION NUMBER: US/09/993,731
: CURRENT FILING DATE: 2001-11-13
: NUMBER OF SEQ ID NOS: 89
: SEQ ID NO 23
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Antisense Oligonucleotide
US-09-993-731-23

Query Match          0.3%: Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

Oy      423 CAGGTTGACGTGAGCGGC 441
          ||||| ||||| ||||| |||||
Db      2 CAGGTTGAGTGCACTGGC 20

RESULT 1311
US-09-902-572A-124
: Sequence 124, Application US/09902572A
: Publication No. US20030108983A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gertsen, Mary E.
: APPLICANT: Goddard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gurney, Austin L.
: APPLICANT: Hillan, Kenneth, J.
: APPLICANT: Kljavin, Ivar J.
: APPLICANT: Macner, Jennie P.
: APPLICANT: Pan, James

```

```

: APPLICANT: Paoni, Nicholas F.
: APPLICANT: Roy, Margaret Ann
: APPLICANT: Stewart, Timothy A.
: APPLICANT: Tumas, Daniel
: APPLICANT: Williams, P. Mickey
: APPLICANT: Wood, William, I.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: TITLE OF INVENTION: Acids Encoding the Same
: FILE REFERENCE: 10466-14
: CURRENT APPLICATION NUMBER: US/09/902.572A
: CURRENT FILING DATE: 2001-07-10
: PRIOR APPLICATION NUMBER: PCT/US00/04414
: PRIOR FILING DATE: 2000-02-22
: PRIOR APPLICATION NUMBER: US 60/143,048
: PRIOR FILING DATE: 1999-07-07
: PRIOR APPLICATION NUMBER: US 60/145,638
: PRIOR FILING DATE: 1999-07-26
: PRIOR APPLICATION NUMBER: US 60/146,222
: PRIOR FILING DATE: 1999-07-28
: PRIOR APPLICATION NUMBER: PCT/US99/20594
: PRIOR FILING DATE: 1999-09-08
: PRIOR APPLICATION NUMBER: PCT/US99/20944
: PRIOR FILING DATE: 1999-09-13
: PRIOR APPLICATION NUMBER: PCT/US99/21090
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/21547
: PRIOR FILING DATE: 1999-09-15
: PRIOR APPLICATION NUMBER: PCT/US99/23089
: PRIOR FILING DATE: 1999-10-05
: PRIOR APPLICATION NUMBER: PCT/US99/28214
: PRIOR FILING DATE: 1999-11-29
: Prior Application data removed - See File Wrapper or PALM.
: NUMBER OF SEQ ID NOS: 423
: SEQ ID NO 124
: LENGTH: 20
: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Description of Artificial Sequence: Synthetic
: OTHER INFORMATION: oligonucleotide probe
US-09-902-572A-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701  TTGAGTTTTCAGGTGCTA 2719
          |||  |||||
          1  TTGCCTTACTCAGGTGCTA 19

RESULT 1312
US-09-902-979-124
: Sequence 124, Application US/09902979
: Publication No. US20030113718A1
: GENERAL INFORMATION:
: APPLICANT: Genentech, Inc.
: APPLICANT: Ashkenazi, Avi
: APPLICANT: Botstein, David
: APPLICANT: Desnovers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Filvaroff, Ellen
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Gerber, Hanspeter
: APPLICANT: Gerritsen, Mary E.
: APPLICANT: Goddard, A.
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gunney, Austin L.
: APPLICANT: Hillan, Kenneth, J.
: APPLICANT: Kljavin, Ivar J.

```

```
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/902,979
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-902-979-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
Oy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19
```

```
RESULT 1313
US-09-905-125-124
; Sequence 124, Application US/09905125
; Publication No. US20030113719A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
```

```
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerltzen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/905,125
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-905-125-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
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Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2701 TTGAGTTCTCAGTGCTA 2719

Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1314

US-09-906-815A-124

Sequence 124, Application US/09906815A

Publication No. US20030113838A1

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Paoni, James
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT FILING DATE: 2000-07-15
CURRENT FILING DATE: 2001-07-15
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20

PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Description of Artificial Sequence: Synthetic

US-09-906-815A-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2701 TTGAGTTCTCAGTGCTA 2719

Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1315

US-09-905-449-124

Sequence 124, Application US/09905449

Publication No. US20030129592A1

GENERAL INFORMATION:

APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Paoni, James
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT FILING DATE: 2000-09-18
CURRENT FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15

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; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-905-449-124
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```

QY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19
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```

RESULT 1316
US-09-791-392A-8/c
; Sequence 8, Application US/09791392A
; Publication No. US20030130214A1
; GENERAL INFORMATION:
; APPLICANT: Boyd, Robert Simon
; APPLICANT: Stamps, Alasdair Craig
; APPLICANT: Terrett, Jonathan Alexander
; APPLICANT: Tyson, Kerry Louise
; TITLE OF INVENTION: Proteins, Compositions, Diagnostic and
; FILE REFERENCE: 2543-1-004N
; CURRENT APPLICATION NUMBER: US/09/791,392A
; CURRENT FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: GB 0004576.5
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: GB 0031341.1
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-09-791-392A-8
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      3492 GACCTGGGGAAGGAGCGAG 3510
Db      20 GACCTGGGGAAGGAGGCTG 2
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```

RESULT 1317
US-09-903-806-124
; Sequence 124, Application US/09903806
; Publication No. US20030130489A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavrin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Peoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/903,806
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-806-124
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```

QY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCTTACTCAGGTGCTA 19
```

```

RESULT 1318
US-09-904-992-124
; Sequence 124, Application US/09904992
; Publication No. US2003013025A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
```


APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,992
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Oligonucleotide probe
US-09-904-992-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2701 TTGAGTTTCAGGCTCA 2719

DB 1 TTGCCTTACTCAGGCTCA 19

RESULT 1319

US-09-904-838-124
Sequence 124, Application US/09904838
Publication No. US20030148370A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Bacon, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,838
CURRENT FILING DATE: 2001-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence

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; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide probe
US-09-904-838-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1320
US-09-906-777-124
; Sequence 124, Application US/09906777
; Publication No. US20030148371A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertschen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/906,777
; CURRENT FILING DATE: 2001-07-16
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
```

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; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-906-777-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1321
US-09-903-603A-124
; Sequence 124, Application US/09903603A
; Publication No. US20030148419A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertschen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: GNE 1618P2C12
; CURRENT APPLICATION NUMBER: US/09/903,603A
; CURRENT FILING DATE: 2001-07-11
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-07-28
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; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-903-603A-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1322
US-09-904-532-124
; Sequence 124, Application US/09904532
; Publication No. US20030152922A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
```

```

; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT FILING DATE: 2001-07-13
; CURRENT APPLICATION NUMBER: US/09/904,532
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-532-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2701 TTGAGTTTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1323
US-09-904-766-124
; Sequence 124, Application US/09904766
; Publication No. US20030152999A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
```

APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gunney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,766
CURRENT FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: Oligonucleotide probe
US-09-904-766-124

Query March 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Freq. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2701 TTGAGTTTCTCAGTGCTA 2719

|||||

Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1324
US-09-904-920A-124
Sequence 124, Application US/09904920A
Publication No. US2003016051A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gunney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,920A
CURRENT FILING DATE: 2001-07-13
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423

SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-904-920A-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2701 TTGAGTTCTCAGTGCTA 2719
Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1325
US-09-851-871-33/C
Sequence 33, Application US/09851871
Publication No. US20030176374A1
GENERAL INFORMATION:
APPLICANT: Bennett, Clarence Frank
APPLICANT: Vickers, Timothy A.
APPLICANT: Karras, James G.
TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
TITLE OF INVENTION: Modulation of the Expression of B7 Protein
FILE REFERENCE: ISPH-0543
CURRENT FILING DATE: 2001-05-09
PRIOR APPLICATION NUMBER: PCT/US00/14471
PRIOR FILING DATE: 2000-05-25
PRIOR APPLICATION NUMBER: 09/326,186
PRIOR FILING DATE: 1999-06-04
PRIOR APPLICATION NUMBER: 08/777,266
PRIOR FILING DATE: 1996-12-31
NUMBER OF SEQ ID NOS: 284
SOFTWARE: PatentIn Ver. 2.0
SEQ ID NO 33
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-851-871-33

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1994 GCGTGACGACGAGAACCGG 2012
Db 19 GCGCGAGTACAGAACCGG 1

RESULT 1326
US-09-904-877A-124
Sequence 124, Application US/09904877A
Publication No. US20030186358A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Goddard, A.

APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,877A
PRIOR FILING DATE: 2002-08-08
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-904-877A-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2701 TTGAGTTCTCAGTGCTA 2719
Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1327
US-09-903-562-124
Sequence 124, Application US/09903562
Publication No. US20030187238A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/903,562
PRIOR FILING DATE: 2001-07-11
PRIOR APPLICATION NUMBER: US/09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20344
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-903-562-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCAGGTGCTA 2719
DB 1 TTGCTTACTCAGGTGCTA 19

RESULT 1328

US-09-906-618-124
Sequence 124, Application US/09906618
Publication No. US20030190610A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/906,618
CURRENT FILING DATE: 2001-07-16
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence

FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-09-906-618-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTTCAGTGCTA 2719
Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1329
US-09-907-728-124
Sequence 124, Application US/09907728
Publication No. US20030190611A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/907,728
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30

PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-907-728-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTTCAGTGCTA 2719
Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1330
US-09-904-805-124
Sequence 124, Application US/09904805
Publication No. US20030211568A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/09/904,805
PRIOR APPLICATION NUMBER: 09/665,350
PRIOR FILING DATE: 2001-07-12
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26

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; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-09-904-805-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1331
US-09-904-938A-124
; Sequence 124, Application US/09904938A
; Publication No. US2003021569A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Macher, Jennie F.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
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; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/09/904,938A
; CURRENT FILING DATE: 2001-07-12
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; PRIOR APPLICATION NUMBER: PCT/US99/28313
; PRIOR FILING DATE: 1999-11-30
; PRIOR APPLICATION NUMBER: PCT/US99/28564
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/28565
; PRIOR FILING DATE: 1999-12-02
; PRIOR APPLICATION NUMBER: PCT/US99/30095
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: PCT/US99/30911
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US99/30999
; PRIOR FILING DATE: 1999-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/00219
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-09-904-938A-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1332
US-09-906-722A-124
; Sequence 124, Application US/09906722A
; Publication No. US20030215904A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
```


APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: GNE.1618P2C61
CURRENT FILING DATE: US/09/906,722A
PRIOR APPLICATION NUMBER: US/01-07-16
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
PRIOR APPLICATION NUMBER: PCT/US99/28313
PRIOR FILING DATE: 1999-11-30
PRIOR APPLICATION NUMBER: PCT/US99/28564
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/28565
PRIOR FILING DATE: 1999-12-02
PRIOR APPLICATION NUMBER: PCT/US99/30095
PRIOR FILING DATE: 1999-12-16
PRIOR APPLICATION NUMBER: PCT/US99/30911
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US99/30999
PRIOR FILING DATE: 1999-12-20
PRIOR APPLICATION NUMBER: PCT/US00/00219
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-09-906-722A-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
2701 TTGAGTTCTCAGGTGCTA 2719
|||||

Db 1 TTGCTTACTCAGGTGCTA 19
RESULT 1333
US-09-908-576-124
Sequence 124, Application US/09908576
Publication No. US2004000553A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gertlisen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: 10466-14
CURRENT FILING DATE: US/09/908,576
PRIOR APPLICATION NUMBER: US/09/665,350B
PRIOR FILING DATE: 2000-09-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-09-908-576-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGACTTTCAGGTGCTA 2719
 DB 1 TTGCTTACTCAGGTGCTA 19

RESULT 1334
 US-09-960-143-18
 ; Sequence 18, Application US/09960143
 ; Publication No. US20040043948A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Brenda F. Baker
 ; APPLICANT: Susan M. Freier
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 8 EXPRESSION
 ; FILE REFERENCE: RFS-0266
 ; CURRENT APPLICATION NUMBER: US/09/960,143
 ; CURRENT FILING DATE: 2001-09-24
 ; NUMBER OF SEQ ID NOS: 88
 ; SEQ ID NO 18
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-960-143-18

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 9.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 204 GGCTGCAGAGAAAGCCGCG 222
 DB 2 GGCTGCCAAGAGAGCCACG 20

RESULT 1335
 US-09-960-143-50/c
 ; Sequence 50, Application US/09960143
 ; Publication No. US20040043948A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Brenda F. Baker
 ; APPLICANT: Susan M. Freier
 ; TITLE OF INVENTION: ANTISENSE MODULATION OF INTERLEUKIN 8 EXPRESSION
 ; FILE REFERENCE: RFS-0266
 ; CURRENT APPLICATION NUMBER: US/09/960,143
 ; CURRENT FILING DATE: 2001-09-24
 ; NUMBER OF SEQ ID NOS: 88
 ; SEQ ID NO 50
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Antisense Oligonucleotide
 US-09-960-143-50

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 9.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3805 GGGACAGAGCCAGGGA 3823
 DB 19 GGGCCAGGGCCAGAGAA 1

RESULT 1336
 US-10-006-611-21/c
 ; Sequence 21, Application US/10006611
 ; Publication No. US20020166137A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Nezu, Jun-ichi
 ; APPLICANT: Ose, Asuka
 ; APPLICANT: Jihage, Kou-ichi
 ; APPLICANT: Jenne, Dieter E.
 ; TITLE OF INVENTION: LKB1 GENE KNOCKOUT ANIMALS

FILE REFERENCE: 06501-094001
 ; CURRENT APPLICATION NUMBER: US/10/006,611
 ; CURRENT FILING DATE: 2002-04-16
 ; PRIOR APPLICATION NUMBER: PCT/JP00/03504
 ; PRIOR FILING DATE: 2000-05-31
 ; PRIOR APPLICATION NUMBER: JP 11/153030
 ; PRIOR FILING DATE: 1999-05-31
 ; NUMBER OF SEQ ID NOS: 22
 ; SOFTWARE: FastSeq for Windows Version 4.0
 ; SEQ ID NO 21
 ; LENGTH: 20
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Artificially Synthesized Primer Sequence
 US-10-006-611-21

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 9.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4826 TCTCAGTGGAGATCTG 4844
 DB 20 TCTCCCTGGAGAGCTCTG 2

RESULT 1337
 US-10-066-500-96
 ; Sequence 96, Application US/10066500
 ; Publication No. US20020177165A1
 ; GENERAL INFORMATION:
 ; APPLICANT: Avi J. Ashkenazi
 ; APPLICANT: Kevin P. Baker
 ; APPLICANT: David A. Bornstein
 ; APPLICANT: Luc Desnoyers
 ; APPLICANT: Dan L. Eaton
 ; APPLICANT: Napoleone Ferrara
 ; APPLICANT: Sherman Fong
 ; APPLICANT: Wei-Qiang Gao
 ; APPLICANT: Hanspeter Gerber
 ; APPLICANT: Mary E. Gertlsen
 ; APPLICANT: Audrey Goddard
 ; APPLICANT: Paul J. Godowski
 ; APPLICANT: Austin L. Gurney
 ; APPLICANT: Ivar J. Kjaer
 ; APPLICANT: Jennie P. Mather
 ; APPLICANT: Mary A. Napier
 ; APPLICANT: James Pan
 ; APPLICANT: Nicholas F. Paoni
 ; APPLICANT: Margaret Ann Roy
 ; APPLICANT: Timothy A. Stewart
 ; APPLICANT: Daniel Tuma
 ; APPLICANT: Colin K. Watanabe
 ; APPLICANT: P. Mickey Williams
 ; APPLICANT: William I. Wood
 ; APPLICANT: Zemin Zeng
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P130R1C7
 ; CURRENT APPLICATION NUMBER: US/10/066,500
 ; CURRENT FILING DATE: 2002-02-01
 ; PRIOR APPLICATION NUMBER: 10/002,796
 ; PRIOR FILING DATE: 2001-11-15
 ; PRIOR APPLICATION NUMBER: 60/056974
 ; PRIOR FILING DATE: 1997-08-26
 ; PRIOR APPLICATION NUMBER: 60/059115
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059588
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/062285
 ; PRIOR FILING DATE: 1997-10-17

;; PRIOR APPLICATION NUMBER: 60/062816
;; PRIOR FILING DATE: 1997-10-24
;; PRIOR APPLICATION NUMBER: 60/063082
;; PRIOR FILING DATE: 1997-10-31
;; PRIOR APPLICATION NUMBER: 60/063329
;; PRIOR FILING DATE: 1997-10-27
;; PRIOR APPLICATION NUMBER: 60/063733
;; PRIOR FILING DATE: 1997-10-29
;; PRIOR APPLICATION NUMBER: 60/066364
;; PRIOR FILING DATE: 1997-11-21
;; PRIOR APPLICATION NUMBER: 60/066840
;; PRIOR FILING DATE: 1997-11-25
;; PRIOR APPLICATION NUMBER: 60/069694
;; PRIOR FILING DATE: 1997-12-16
;; PRIOR APPLICATION NUMBER: 60/074086
;; PRIOR FILING DATE: 1998-02-09
;; PRIOR APPLICATION NUMBER: 60/074092
;; PRIOR FILING DATE: 1998-02-09
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/081049
;; PRIOR FILING DATE: 1998-04-08
;; PRIOR APPLICATION NUMBER: 60/095998
;; PRIOR FILING DATE: 1998-08-10
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;; PRIOR APPLICATION NUMBER: 60/139695
;; PRIOR FILING DATE: 1999-06-15
;; PRIOR APPLICATION NUMBER: 60/145070
;; PRIOR FILING DATE: 1999-07-20
;; PRIOR APPLICATION NUMBER: 60/145698
;; PRIOR FILING DATE: 1999-07-26
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;; PRIOR FILING DATE: 1999-12-07
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;; PRIOR FILING DATE: 1997-08-26
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;; PRIOR FILING DATE: 1998-08-19
;; PRIOR APPLICATION NUMBER: 09/136828
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;; PRIOR APPLICATION NUMBER: 09/158342
;; PRIOR FILING DATE: 1998-09-21
;; PRIOR APPLICATION NUMBER: 09/180997
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 09/202088

;; PRIOR FILING DATE: 1998-12-08
;; PRIOR APPLICATION NUMBER: 09/254311
;; PRIOR FILING DATE: 1999-03-03
;; PRIOR APPLICATION NUMBER: 09/254460
;; PRIOR FILING DATE: 1999-03-09
;; PRIOR APPLICATION NUMBER: 09/254465
;; PRIOR FILING DATE: 1999-03-05
;; PRIOR APPLICATION NUMBER: 09/284663
;; PRIOR FILING DATE: 1999-04-15
;; PRIOR APPLICATION NUMBER: 09/332928
;; PRIOR FILING DATE: 1999-06-14
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;; PRIOR FILING DATE: 1999-08-25
;; PRIOR APPLICATION NUMBER: 09/380138
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;; PRIOR FILING DATE: 1999-08-25
;; PRIOR APPLICATION NUMBER: 09/403296
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;; PRIOR APPLICATION NUMBER: 09/664610
;; PRIOR FILING DATE: 2000-09-18
;; PRIOR APPLICATION NUMBER: 09/665350
;; PRIOR FILING DATE: 2000-09-18
;; PRIOR APPLICATION NUMBER: 09/709238
;; PRIOR FILING DATE: 2000-11-08
;; PRIOR APPLICATION NUMBER: 09/767609
;; PRIOR FILING DATE: 2001-01-22
;; PRIOR APPLICATION NUMBER: 09/802706
;; PRIOR FILING DATE: 2001-03-09
;; PRIOR APPLICATION NUMBER: 09/808689
;; PRIOR FILING DATE: 2001-03-14
;; PRIOR APPLICATION NUMBER: 09/866028
;; PRIOR FILING DATE: 2001-05-25
;; PRIOR APPLICATION NUMBER: 09/870574
;; PRIOR FILING DATE: 2001-05-30
;; PRIOR APPLICATION NUMBER: 09/872035
;; PRIOR FILING DATE: 2001-06-01
;; PRIOR APPLICATION NUMBER: 09/886342
;; PRIOR FILING DATE: 2001-06-19
;; PRIOR APPLICATION NUMBER: PCT/US98/14552
;; PRIOR FILING DATE: 1998-07-14
;; PRIOR APPLICATION NUMBER: PCT/US98/18824
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: PCT/US98/19093
;; PRIOR FILING DATE: 1998-09-14
;; PRIOR APPLICATION NUMBER: PCT/US98/19330
;; PRIOR FILING DATE: 1998-09-16
;; PRIOR APPLICATION NUMBER: PCT/US98/19437
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: PCT/US98/24855
;; PRIOR FILING DATE: 1998-11-20
;; PRIOR APPLICATION NUMBER: PCT/US98/25108
;; PRIOR FILING DATE: 1998-12-01
;; PRIOR APPLICATION NUMBER: PCT/US98/25190
;; PRIOR FILING DATE: 1998-11-25
;; PRIOR APPLICATION NUMBER: PCT/US99/050528
;; PRIOR FILING DATE: 1999-03-08

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; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: PCT/US99/20111
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTTCAGGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1338
US-10-004-551-95/c
; Sequence 95, Application US/10004551
; Publication No. US2003004310A1
; GENERAL INFORMATION:
; APPLICANT: SHIMKETS, RICHARD A
; APPLICANT: FERNANDES, ELMA
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 15966-559
; CURRENT APPLICATION NUMBER: US/10/004,551
; CURRENT FILING DATE: 2001-12-05
; PRIOR APPLICATION NUMBER: 09/635,949
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR PRIMER
US-10-004-551-95

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      376 AGTAACTGCTGCGCAGCA 394
Db      20 AGTAAGCTGGCGGCGAGTA 2

RESULT 1339
US-10-180-762-9
; Sequence 9, Application US/10180762
; Publication No. US2003002838A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Laaser, Gerald W.
; APPLICANT: Bishop, Paul D.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
; FILE REFERENCE: 99-12C3
; CURRENT APPLICATION NUMBER: US/10/180,762
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 09/253,604
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: 09/444,794
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/506,855
; PRIOR FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
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; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC13532
US-10-180-762-9

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2492 GACAGGATGAGTACAC 2510
Db      1 GAGAGGGCTGAGACACAC 19

RESULT 1340
US-10-002-796-96
; Sequence 96, Application US/10002796
; Publication No. US20030032057A1
; GENERAL INFORMATION:
; APPLICANT: Avi J. Ashkenazi
; APPLICANT: Kevin P. Baker
; APPLICANT: David A. Bolstein
; APPLICANT: Luc Desnoyers
; APPLICANT: Dan L. Eaton
; APPLICANT: Napoleone Ferrara
; APPLICANT: Sherman Fong
; APPLICANT: Wei-Qiang Gao
; APPLICANT: Hanspeter Gerber
; APPLICANT: Mary E. Gerlstein
; APPLICANT: Audrey Goddard
; APPLICANT: Paul J. Godowski
; APPLICANT: Austin L. Gurney
; APPLICANT: Ivar J. Kljavin
; APPLICANT: Jennie P. Mather
; APPLICANT: Mary A. Napier
; APPLICANT: James Pan
; APPLICANT: Nicholas F. Paoni
; APPLICANT: Margaret Ann Roy
; APPLICANT: Timothy A. Stewart
; APPLICANT: Daniel Tumas
; APPLICANT: Colin K. Watanabe
; APPLICANT: P. Mickey Williams
; APPLICANT: William I. Wood
; APPLICANT: Zemin Zang
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P130R1C1
; CURRENT APPLICATION NUMBER: US/10/002,796
; CURRENT FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
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; PRIOR FILING DATE: 1997-09-17
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; PRIOR FILING DATE: 1997-11-21
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; PRIOR FILING DATE: 1997-11-25
; PRIOR APPLICATION NUMBER: 60/069694
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;; PRIOR FILING DATE: 1997-12-16
;; PRIOR APPLICATION NUMBER: 60/074086
;; PRIOR FILING DATE: 1998-02-09
;; PRIOR APPLICATION NUMBER: 60/074092
;; PRIOR FILING DATE: 1998-02-09
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/081049
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;; PRIOR FILING DATE: 1998-08-18
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;; PRIOR APPLICATION NUMBER: 60/149396
;; PRIOR FILING DATE: 1999-08-17
;; PRIOR APPLICATION NUMBER: 60/169495
;; PRIOR FILING DATE: 1999-12-07
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;; PRIOR FILING DATE: 1999-09-15
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;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: PCT/US99/28301

Query Match

0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCAGTGCTA 2719

Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1341

US-10-066-273-96

; Sequence 96, Application US/10066273

; Publication No. US20030032062A1

; GENERAL INFORMATION:

; APPLICANT: Avi J. Ashkenazi

; APPLICANT: Kevin P. Baker

; APPLICANT: David A. Botstein

; APPLICANT: Luc Desnoyers

; APPLICANT: Dan L. Eaton

; APPLICANT: Napoleone Ferrara

; APPLICANT: Sherman Fong

; APPLICANT: Wei-Qiang Gao

; APPLICANT: Hanspeter Gerber

; APPLICANT: Mary E. Gerltsen

; APPLICANT: Audrey Goddard

; APPLICANT: Paul J. Godowski

; APPLICANT: Austin L. Gurney

; APPLICANT: Ivar J. Kijavlin

; APPLICANT: Jennie P. Macher

; APPLICANT: Mary A. Napier

; APPLICANT: James Pan

; APPLICANT: Nicholas F. Paoni

; APPLICANT: Margaret Ann Roy

; APPLICANT: Timothy A. Stewart

; APPLICANT: Daniel Tumas

; APPLICANT: Colin K. Watanabe

; APPLICANT: P. Mickey Williams

; APPLICANT: William I. Wood

; APPLICANT: Zemin Zang

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3130R1C2

; CURRENT APPLICATION NUMBER: US/10/066,273

; CURRENT FILING DATE: 2002-02-01

; PRIOR APPLICATION NUMBER: 10/002,796

; PRIOR FILING DATE: 2001-11-15

; PRIOR APPLICATION NUMBER: 60/056974

; PRIOR FILING DATE: 1997-08-26

; PRIOR APPLICATION NUMBER: 60/059115

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059263

; PRIOR FILING DATE: 1997-09-18

; PRIOR APPLICATION NUMBER: 60/059588

; PRIOR FILING DATE: 1997-09-17

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; PRIOR FILING DATE: 1998-02-09

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; PRIOR APPLICATION NUMBER: 60/079294

; PRIOR FILING DATE: 1998-03-25

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; PRIOR APPLICATION NUMBER: 60/095998

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; PRIOR APPLICATION NUMBER: 60/097000

; PRIOR FILING DATE: 1998-08-18

; PRIOR APPLICATION NUMBER: 60/099601

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PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

2701 TTGAGTTCTCAGGTGCTA 2719
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RESULT 1342
US-10-066-694-96
Sequence 96, Application US/10066494
Publication No. US20030032063A1
GENERAL INFORMATION:
APPLICANT: Avi J. Ashkenazi
APPLICANT: Kevin P. Baker
APPLICANT: David A. Botstein
APPLICANT: Luc Desnoyers
APPLICANT: Dan L. Eaton
APPLICANT: Napoleone Ferrara
APPLICANT: Sherman Fong
APPLICANT: Wei-Qiang Gao
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APPLICANT: Margaret Ann Roy
APPLICANT: Timothy A. Stewart
APPLICANT: Daniel Tumas
APPLICANT: Colin K. Watanabe
APPLICANT: P. Mickey Williams
APPLICANT: William I. Wood
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3130R1C9
CURRENT APPLICATION NUMBER: US/10/066,494
CURRENT FILING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: 10/002,796
PRIOR FILING DATE: 2001-11-15
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PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCAGGTGCTA 2719
DB 1 TTGCTTACTCAGGTGCTA 19

RESULT 1343
US-10-066-269-96
; Sequence 96; Application US/10066269
; Publication No. US2003040014A1
; GENERAL INFORMATION:
; APPLICANT: Avi J. Ashkenazi

APPLICANT: Kevin P. Baker
APPLICANT: David A. Botstein
APPLICANT: Luc Desnovers
APPLICANT: Dan L. Eaton
APPLICANT: Napoleone Ferrara
APPLICANT: Sherman Fong
APPLICANT: Wei-Qiang Gao
APPLICANT: Hanspeter Gerber
APPLICANT: Mary E. Gerltisen
APPLICANT: Audrey Goddard
APPLICANT: Paul J. Godowski
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APPLICANT: Nicholas F. Paoni
APPLICANT: Margaret Ann Roy
APPLICANT: Timothy A. Stewart
APPLICANT: Daniel Tumas
APPLICANT: Colin K. Watanabe
APPLICANT: P. Mickey Williams
APPLICANT: William I. Wood
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3130R1C4
CURRENT FILING DATE: 2002-02-01
PRIOR APPLICATION NUMBER: 10/002,796
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059115
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PRIOR APPLICATION NUMBER: 60/095998
PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: 60/097000
PRIOR FILING DATE: 1998-08-18
PRIOR APPLICATION NUMBER: 60/099601
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PRIOR FILING DATE: 1999-04-15
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; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCAGGTGCTA 2719
DB      1 TTGCTTACTCAGGTGCTA 19

RESULT 1344
US-10-066-211-96
; Sequence 96, Application US/10066211
; Publication No. US20030044844A1
; GENERAL INFORMATION:
; APPLICANT: Avi J. Ashkenazi
; APPLICANT: Kevin P. Baker
; APPLICANT: David A. Botstein
; APPLICANT: Luc Desnoyers
; APPLICANT: Dan L. Eaton
; APPLICANT: Napoleone Ferrara
; APPLICANT: Sherman Fong
; APPLICANT: Wei-Qiang Gao
```

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; APPLICANT: Hanspeter Gerber
; APPLICANT: Mary E. Gerltzen
; APPLICANT: Audrey Goddard
; APPLICANT: Paul J. Godowski
; APPLICANT: Austin L. Gurney
; APPLICANT: Ivar J. Klavin
; APPLICANT: Jennie P. Mather
; APPLICANT: Mary A. Napier
; APPLICANT: James Pan
; APPLICANT: Nicholas F. Paoni
; APPLICANT: Margaret Ann Roy
; APPLICANT: Timothy A. Stewart
; APPLICANT: Daniel Tumas
; APPLICANT: Colin K. Waranabe
; APPLICANT: P. Mickey Williams
; APPLICANT: William I. Wood
; APPLICANT: Zemin Zang
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P31301C8
; CURRENT APPLICATION NUMBER: US/10/066,211
; PRIOR FILING DATE: 2002-02-01
; PRIOR APPLICATION NUMBER: 10/002,796
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
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; PRIOR APPLICATION NUMBER: 60/101922
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; PRIOR APPLICATION NUMBER: 60/106032
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PRIOR FILING DATE: 1999-08-25
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PRIOR FILING DATE: 2000-04-13
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PRIOR FILING DATE: 2001-01-22
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PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2701 TTGAGTTTCAGGTGCTA 2719
db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1345
US-10-066-193-96
Sequence 96, Application US/10066193
Publication No. US20030044902A1
GENERAL INFORMATION:
APPLICANT: Avi J. Ashkenazi
APPLICANT: Kevin P. Baker
APPLICANT: David A. Botstein
APPLICANT: Luc Desnoyers
APPLICANT: Dan L. Eaton
APPLICANT: Napoleone Ferrara
APPLICANT: Sherman Fong
APPLICANT: Wei-Qiang Gao
APPLICANT: Hanspeter Gerber
APPLICANT: Maty E. Gerritsen
APPLICANT: Audrey Goddard
APPLICANT: Paul J. Godowski
APPLICANT: Austin L. Gurney
APPLICANT: Ivar J. Kljavin
APPLICANT: Jennie P. Mather

APPLICANT: Mary A. Napier
APPLICANT: James Pan
APPLICANT: Nicholas F. Paoni
APPLICANT: Margaret Ann Roy
APPLICANT: Timothy A. Stewart
APPLICANT: Daniel Tumas
APPLICANT: Colin K. Watanabe
APPLICANT: P. Mickey Williams
APPLICANT: William I. Wood
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P110R1C3
CURRENT APPLICATION NUMBER: US/10/066,193
CURRENT FILING DATE: 2002-02-01
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PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1346

US-10-112-653-999/c
Sequence 999, Application US/10112653
Publication No. US20030050268A1
GENERAL INFORMATION:
APPLICANT: Kries, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01037/70060(AWS)
CURRENT FILING DATE: US/10/112,653
PRIOR FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
NUMBER OF SEQ ID NOS: 29
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 999
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-999

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 888 CCCCCAGAAACATCCCC 906
Db 19 CCCCCAACATCATCCCC 1

RESULT 1347
US-10-017-995-48
Sequence 48, Application US/10017995
Publication No. US20030055014A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT FILING DATE: US/10/017,995
PRIOR FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: modified_base
LOCATION: (8)...(8)
OTHER INFORMATION: m5c
OTHER INFORMATION: Synthetic Sequence
US-10-017-995-48

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Oy 1357 TGCAGAGGCTCTGAGTCT 1376
Db 1 TCCATGTTGCTCTGAGTCT 20

RESULT 1348

US-10-017-995-1055/c
Sequence 1055, Application US/10017995
Publication No. US20030055014A1
GENERAL INFORMATION:
APPLICANT: Bratzler, Robert L.
TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
FILE REFERENCE: C1037/7025 (HCL/MAT)
CURRENT FILING DATE: US/10/017,995
PRIOR FILING DATE: 2001-12-18
PRIOR APPLICATION NUMBER: US 60/255,534
PRIOR FILING DATE: 2000-12-14
NUMBER OF SEQ ID NOS: 1093
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1055
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-017-995-1055

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 888 CCCCCAGAAACATCCCC 906
Db 19 CCCCCAACATCATCCCC 1

RESULT 1349
US-10-159-901-15/c

```
Sequence 15, Application US/10159901
Publication No. US20030073235A1
GENERAL INFORMATION:
APPLICANT: LAGARIAS, JOHN
APPLICANT: KOICHI, TAKAYUKI
APPLICANT: FRANKENBERG, NICOLE
APPLICANT: GAMBETTA, GREGORY
APPLICANT: MONTGOMERY, BERONDA
TITLE OF INVENTION: LIGHT CONTROLLED GENE EXPRESSION UTILIZING HETEROLOGOUS PHYTOCHROME
FILE REFERENCE: 407T-907731US
CURRENT APPLICATION NUMBER: US/10/159,901
CURRENT FILING DATE: 2002-05-29
PRIOR APPLICATION NUMBER: 60/294,463
PRIOR FILING DATE: 2001-05-29
NUMBER OF SEQ ID NOS: 57
SOFTWARE: PatentIn version 3.0
SEQ ID NO 15
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: Primer
US-10-159-901-15
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 4702 CAGCTTCAGTCACACAAC 4720
Db 20 CAGTTTCAGTCAGACAAC 2
```

```
RESULT 1350
US-10-152-297-12
Sequence 12, Application US/10152297
Publication No. US20030077621A1
GENERAL INFORMATION:
APPLICANT: Shultz, John W
APPLICANT: Lewis, Martin K.
APPLICANT: Liepe, Donna
APPLICANT: Mandrekas, Michelle
APPLICANT: Kephart, Daniel
APPLICANT: Rhodes, Richard B.
APPLICANT: Andrews, Christine A.
APPLICANT: Hartnett, James R.
APPLICANT: Gu, Trent
APPLICANT: Olson, Ryan J.
APPLICANT: Wood, Keith W.
APPLICANT: Welch, Roy
TITLE OF INVENTION: Nucleic Acid Detection
FILE REFERENCE: PRO-104 6868/75529
CURRENT APPLICATION NUMBER: US/10/152,297
CURRENT FILING DATE: 2002-05-20
PRIOR APPLICATION NUMBER: US/09/383,316
PRIOR FILING DATE: 1999-08-25
PRIOR APPLICATION NUMBER: 09/252,436
PRIOR FILING DATE: 1999-02-18
PRIOR APPLICATION NUMBER: 09/042,287
PRIOR FILING DATE: 1998-03-13
PRIOR APPLICATION NUMBER: 09/358,972
PRIOR FILING DATE: 1999-07-21
NUMBER OF SEQ ID NOS: 123
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 12
LENGTH: 20
TYPE: DNA
ORGANISM: Homo sapiens
FEATURE:
OTHER INFORMATION: probe for human cystic fibrosis gene
US-10-152-297-12
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
```

```
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 349 CTGAGCGCCTGAACACGA 367
Db 2 CAGAGTACCTGAACACAGA 20
```

```
RESULT 1351
US-10-241-258-9
Sequence 9, Application US/10241258
Publication No. US20030078206A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Lasser, Gerald W.
APPLICANT: Bishop, Paul D.
TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
FILE REFERENCE: 99-12
CURRENT APPLICATION NUMBER: US/10/241,258
CURRENT FILING DATE: 2002-09-10
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide ZC13532
US-10-241-258-9
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 2492 GACAGGAGTGAAGTACAC 2510
Db 1 GAGAGGCGCTGAACACAC 19
```

```
RESULT 1352
US-10-090-011-14/c
Sequence 14, Application US/10090011
Publication No. US20030082810A1
GENERAL INFORMATION:
APPLICANT: Serup, Palle
APPLICANT: Heimberg, Harry
APPLICANT: Gradwohl, Gerard
TITLE OF INVENTION: Methods For Generating Insulin-Secreting Cells Suitable for Transplantation
FILE REFERENCE: 6246,200-US
CURRENT APPLICATION NUMBER: US/10/090,011
CURRENT FILING DATE: 2002-02-26
PRIOR APPLICATION NUMBER: US 60/271,474
PRIOR FILING DATE: 2001-02-26
NUMBER OF SEQ ID NOS: 70
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 14
LENGTH: 20
TYPE: DNA
ORGANISM: Homo Sapien
US-10-090-011-14
```

```
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 510 ACCATGTCCTGCTGGA 528
Db 20 ACCACGCGCTCTGCTGGA 2
```

```
RESULT 1353
```

```
US-10-181-846-69/c
; Sequence 69, Application US/10181846
; Publication No. US20030083297a1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: Lex M. Cowsett
; TITLE OF INVENTION: ANTISENSE MODULATION OF DAXX EXPRESSION
; FILE REFERENCE: RSP-0363
; CURRENT APPLICATION NUMBER: US/10/181,846
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: PCT/US01/01416
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/490,692
; PRIOR FILING DATE: 2000-01-24
; NUMBER OF SEQ ID NOS: 176
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-846-69

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3139 GGCACAAAGACCTGAAGAG 3157
Db      19  GGCACAGATTCTGAAGAG 1

RESULT 1354
US-10-227-616-95/c
; Sequence 95, Application US/10227616
; Publication No. US20030099662a1
; GENERAL INFORMATION:
; APPLICANT: Boyd, Robert Simon
; APPLICANT: Stamp, Alasdair Craig
; APPLICANT: Terrett, Jonathan Alexander
; TITLE OF INVENTION: Proteins
; FILE REFERENCE: 2543-1-028
; CURRENT APPLICATION NUMBER: US/10/227,616
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: GB 0004576.5
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: GB 0031341.1
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 110
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; NAME/KEY:
; OTHER INFORMATION: Primer
US-10-227-616-95

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3492 GACCTGGGGAAGAACGCAG 3510
Db      20  GACCTGGGGAAGAACGCTG 2

RESULT 1355
US-10-057-834A-71/c
; Sequence 71, Application US/10057834A
; Publication No. US20030099960a1
; GENERAL INFORMATION:
```

```
; APPLICANT: RATAIN, MARK J.
; APPLICANT: INNOCENTI, FEDERICO
; APPLICANT: DAS, SOMA
; APPLICANT: IYER, LALITHA
; APPLICANT: SAWYER, MICHAEL
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR OPTIMIZING UGT2B7 SUBSTRATE DOSINGS.
; FILE REFERENCE: ARCD-358US
; CURRENT APPLICATION NUMBER: US/10/057,834A
; CURRENT FILING DATE: 2002-08-22
; PRIOR APPLICATION NUMBER: UNKNOWN
; PRIOR FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 78
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 71
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-057-834A-71

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1948 TCGCCATCCACACGCTCTG 1966
Db      20  TTGCCATCCACATGCTCAG 2

RESULT 1356
US-10-226-739-96
; Sequence 96, Application US/10226739
; Publication No. US20030104558a1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi
; APPLICANT: Baker
; APPLICANT: Botstein
; APPLICANT: Deenoyers
; APPLICANT: Eaton
; APPLICANT: Ferrara
; APPLICANT: Fong
; APPLICANT: Gao
; APPLICANT: Gerber, Gerritsen
; APPLICANT: Goddard
; APPLICANT: Godowski
; APPLICANT: Gurney
; APPLICANT: Kijavlin
; APPLICANT: Macher
; APPLICANT: Napier
; APPLICANT: Pan
; APPLICANT: Paoni
; APPLICANT: Roy
; APPLICANT: Stewart
; APPLICANT: Tumas
; APPLICANT: Watanabe
; APPLICANT: Williams
; APPLICANT: Wood
; APPLICANT: Zang
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3130RIC10
; CURRENT APPLICATION NUMBER: US/10/226,739
; CURRENT FILING DATE: 2002-08-23
; PRIOR APPLICATION NUMBER: US 10/002,796
; PRIOR FILING DATE: 2001-11-15
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US99/20111
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/403,297
```

```

; PRIOR FILING DATE: 1999-10-18
; PRIOR APPLICATION NUMBER: US 60/106,032
; PRIOR FILING DATE: 1998-10-28
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-226-739-96

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1357
US-10-149-352-6/c
; Sequence 6, Application US/10149352
; Publication No. US20030105050A1
; GENERAL INFORMATION:
; APPLICANT: Bert, Rajinder
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDES
; FILE REFERENCE: 06275-254US1
; CURRENT APPLICATION NUMBER: US/10/149,352
; CURRENT FILING DATE: 2002-06-10
; PRIOR APPLICATION NUMBER: PCT/GB00/04741
; PRIOR FILING DATE: 2000-12-12
; PRIOR APPLICATION NUMBER: GB 9929487.8
; PRIOR FILING DATE: 1999-12-15
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn Ver. 4.0
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-149-352-6

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3370 GGCCTCTGAGGAGGAG 3388
Db 19 GGCCTCTGAGGAGGAG 1

RESULT 1358
US-10-196-183-4
; Sequence 4, Application US/10196183
; Publication No. US2003011871A1
; GENERAL INFORMATION:
; APPLICANT: Lee, Dong-eok
; APPLICANT: Park, Ji-sook
; APPLICANT: Chung, Bo-sup
; APPLICANT: Kim, Ki-wan
; APPLICANT: Oh, Myung-suk
; TITLE OF INVENTION: Fusion protein having an enhanced in vivo erythropoietin activity
; FILE REFERENCE: 401729/YPLEE
; CURRENT APPLICATION NUMBER: US/10/196,183
; CURRENT FILING DATE: 2002-07-17
; PRIOR APPLICATION NUMBER: KR 10-2001-75994
; PRIOR FILING DATE: 2001-12-03
; NUMBER OF SEQ ID NOS: 10
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4

; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer EC2 having the nucleotide sequence complementary to the t
US-10-196-183-4

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3308 GTCCCTGACGACGACC 3326
Db 1 GTCCCTGTCTTCGACGCC 19

RESULT 1359
US-10-006-430-29
; Sequence 29, Application US/10006430
; Publication No. US20030113914A1
; GENERAL INFORMATION:
; APPLICANT: Mark J. Graham
; APPLICANT: Kenneth Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD81 EXPRESSION
; FILE REFERENCE: RTS-0341
; CURRENT APPLICATION NUMBER: US/10/006,430
; CURRENT FILING DATE: 2001-12-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense oligonucleotide
US-10-006-430-29

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3539 GCTGACGAGCCGAGATG 3557
Db 1 GTTGACAAAGCCCGAGATG 19

RESULT 1360
US-10-230-454-6
; Sequence 6, Application US/10230454
; Publication No. US20030124115A1
; GENERAL INFORMATION:
; APPLICANT: DONG-EOK, LEE
; APPLICANT: MYUNG-SUK, OH
; APPLICANT: BO-SUP, CHUNG
; APPLICANT: JI-SOOK, PARK
; APPLICANT: KI-WAN, KIM
; TITLE OF INVENTION: FUSION PROTEIN HAVING ENHANCED IN VIVO ACTIVITY OF
; FILE REFERENCE: 58105 (71970)
; CURRENT APPLICATION NUMBER: US/10/230,454
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 2001-74975
; PRIOR FILING DATE: 2001-11-29
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 6
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer EP2 having
; OTHER INFORMATION: the nucleotide sequence complementary to the terminal
; OTHER INFORMATION: sequence of EPO cDNA
```


US-10-230-454-6

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3308 GTCCCTGACGACGCCC 3326
Db 1 GTCCCTGCTCTCCGACGCC 19

RESULT 1361

US-10-027-983-88
; Sequence 88, Application US/10027983
; Publication No. US20030139360A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Mark P. Roach
; TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
; FILE REFERENCE: RFS-0340
; CURRENT APPLICATION NUMBER: US/10/027,983
; CURRENT FILING DATE: 2001-12-18
; NUMBER OF SEQ ID NOS: 98
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-027-983-88

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1780 CCTGTTCTCTCCAGCG 1798
Db 2 CCTGTTCTCTCCAGCG 20

RESULT 1362

US-10-360-186-9
; Sequence 9, Application US/10360186
; Publication No. US20030144208A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; APPLICANT: Lasser, Gerald W.
; TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND IMMUNE FUNCTION
; FILE REFERENCE: 99-12C3
; CURRENT APPLICATION NUMBER: US/10/360,186
; CURRENT FILING DATE: 2003-02-07
; PRIOR APPLICATION NUMBER: US/09/619,740
; PRIOR FILING DATE: 2000-07-19
; PRIOR APPLICATION NUMBER: 09/253,604
; PRIOR FILING DATE: 1999-02-19
; PRIOR APPLICATION NUMBER: 09/444,794
; PRIOR FILING DATE: 1999-11-22
; PRIOR APPLICATION NUMBER: 09/506,855
; PRIOR FILING DATE: 2000-02-17
; NUMBER OF SEQ ID NOS: 55
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC13532
US-10-360-186-9

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2492 GACGAGTGAAGTACAC 2510
Db 1 GAGAGGCGCTGAAGACAAAC 19

RESULT 1363

US-10-348-485-37
; Sequence 37, Application US/10348485
; Publication No. US20030148989A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Holmlund, Jon T.
; APPLICANT: Dorr, F. Andrew
; TITLE OF INVENTION: Oligonucleotide Modulation Of Protein Kinase C
; FILE REFERENCE: 1S154954
; CURRENT APPLICATION NUMBER: US/10/348,485
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/10/025,139
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 08/829,637
; PRIOR FILING DATE: 1997-03-31
; PRIOR APPLICATION NUMBER: US 08/478,178
; PRIOR FILING DATE: 1995-06-07
; PRIOR APPLICATION NUMBER: US 08/083,996
; PRIOR FILING DATE: 1993-07-09
; PRIOR APPLICATION NUMBER: US 07/852,852
; PRIOR FILING DATE: 1992-03-16
; NUMBER OF SEQ ID NOS: 121
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 37
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-348-485-37

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2984 GCGCAGCAAGACGACGCTG 3002
Db 1 GCGCCAGAAACGTAGCAG 19

RESULT 1364

US-10-083-246A-149
; Sequence 149, Application US/10083246A
; Publication No. US20030152936A1
; GENERAL INFORMATION:
; APPLICANT: Athena Diagnostics
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR GENETIC ANALYSIS OF POLYCYSTIC KIDN
; FILE REFERENCE: 1133/2002
; CURRENT APPLICATION NUMBER: US/10/083,246A
; CURRENT FILING DATE: 2002-10-15
; NUMBER OF SEQ ID NOS: 168
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 149
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; LOCATION: (1)..(120)
; OTHER INFORMATION: Synthetic primer
US-10-083-246A-149

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;

APPLICANT: Kevin P. Baker
APPLICANT: David A. Botstein
APPLICANT: Luc Desnoyers
APPLICANT: Dan L. Eaton
APPLICANT: Napoleone Ferrara
APPLICANT: Sherman Fong
APPLICANT: Wei-Qiang Gao
APPLICANT: Hanspeter Gerber
APPLICANT: Mary E. Gerltsen
APPLICANT: Audrey Goddard
APPLICANT: Paul J. Godowski
APPLICANT: Austin L. Gurney
APPLICANT: Ivar J. Kljavin
APPLICANT: Jennie P. Macher
APPLICANT: Mary A. Napier
APPLICANT: James Pan
APPLICANT: Nicholas P. Paoni
APPLICANT: Margaret Ann Roy
APPLICANT: Timothy A. Stewart
APPLICANT: Daniel Tumas
APPLICANT: Colin K. Watanabe
APPLICANT: P. Mickey Williams
APPLICANT: William I. Wood
APPLICANT: Zemin Zang
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3130P1C6
CURRENT APPLICATION NUMBER: US/10/066,198
PRIOR FILING DATE: 2002-02-01-
PRIOR APPLICATION NUMBER: 10/002,796
PRIOR FILING DATE: 2001-11-15
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062285
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/062816
PRIOR FILING DATE: 1997-10-24
PRIOR APPLICATION NUMBER: 60/063082
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/063329
PRIOR FILING DATE: 1997-10-27
PRIOR APPLICATION NUMBER: 60/063733
PRIOR FILING DATE: 1997-10-29
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/066840
PRIOR FILING DATE: 1997-11-25
PRIOR APPLICATION NUMBER: 60/069694
PRIOR FILING DATE: 1997-12-16
PRIOR APPLICATION NUMBER: 60/074086
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092
PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/081049
PRIOR FILING DATE: 1998-04-08
PRIOR APPLICATION NUMBER: 60/095998
PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: 60/097000
PRIOR FILING DATE: 1998-08-18
PRIOR APPLICATION NUMBER: 60/099601
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099803
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099811
PRIOR FILING DATE: 1998-09-10

PRIOR APPLICATION NUMBER: 60/099812
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100858
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101922
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/106032
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/109304
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: 60/125778
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/139695
PRIOR FILING DATE: 1999-06-15
PRIOR APPLICATION NUMBER: 60/145070
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/145698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: 60/149396
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/159495
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PRIOR FILING DATE: 1997-09-19
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PRIOR FILING DATE: 1998-08-19
PRIOR APPLICATION NUMBER: 09/136804
PRIOR FILING DATE: 1998-08-19
PRIOR APPLICATION NUMBER: 09/136828
PRIOR FILING DATE: 1998-08-19
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PRIOR FILING DATE: 1998-09-21
PRIOR APPLICATION NUMBER: 09/180997
PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-12-08
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PRIOR FILING DATE: 1999-03-03
PRIOR APPLICATION NUMBER: 09/254460
PRIOR FILING DATE: 1999-03-09
PRIOR APPLICATION NUMBER: 09/254465
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: 09/284663
PRIOR FILING DATE: 1999-04-15
PRIOR APPLICATION NUMBER: 09/332928
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: 09/332929
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: 09/333075
PRIOR FILING DATE: 1999-06-14
PRIOR APPLICATION NUMBER: 09/333077
PRIOR FILING DATE: 1999-06-14
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PRIOR FILING DATE: 1999-08-25
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PRIOR FILING DATE: 1999-08-25
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PRIOR FILING DATE: 1999-10-18
PRIOR APPLICATION NUMBER: 09/423741
PRIOR FILING DATE: 1999-11-10
PRIOR APPLICATION NUMBER: 09/423844
PRIOR FILING DATE: 1999-11-12
PRIOR APPLICATION NUMBER: 09/522332

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; PRIOR FILING DATE: 2000-03-09
; PRIOR APPLICATION NUMBER: 09/548815
; PRIOR FILING DATE: 2000-04-13
; PRIOR APPLICATION NUMBER: 09/664610
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; PRIOR APPLICATION NUMBER: 09/665350
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; PRIOR FILING DATE: 2001-01-22
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; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: 09/886342
; PRIOR FILING DATE: 2001-06-19
; PRIOR APPLICATION NUMBER: PCT/US98/14552
; PRIOR FILING DATE: 1998-07-14
; PRIOR APPLICATION NUMBER: PCT/US98/18824
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: PCT/US98/19093
; PRIOR FILING DATE: 1998-09-14
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: PCT/US98/19437
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; PRIOR FILING DATE: 1998-12-01
; PRIOR APPLICATION NUMBER: PCT/US98/25190
; PRIOR FILING DATE: 1998-11-25
; PRIOR APPLICATION NUMBER: PCT/US99/05028
; PRIOR FILING DATE: 1999-03-08
; PRIOR APPLICATION NUMBER: PCT/US99/12252
; PRIOR FILING DATE: 1999-06-02
; PRIOR APPLICATION NUMBER: PCT/US99/20111
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCACAGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1370
US-10-265-542-16
; Sequence 16, Application US/10265542
; Publication No. US20030171568A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Aekkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Wood, William I.
```

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; TITLE OF INVENTION: USE OF A33 ANTIGENS AND JAW-IT
; FILE REFERENCE: GENENT.100A
; CURRENT APPLICATION NUMBER: US/10/265,542
; CURRENT FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: 60/059,119
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/066,364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/078,936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/100,858
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/109,304
; PRIOR FILING DATE: 1998-11-20
; PRIOR APPLICATION NUMBER: 60/113,511
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/131,445
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 31
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-265-542-16

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCACAGTGCTA 2719
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1371
US-10-053-645A-28/c
; Sequence 28, Application US/10053645A
; Publication No. US20030176376A1
; GENERAL INFORMATION:
; APPLICANT: Robert E. Klem
; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR TREATING A
; TITLE OF INVENTION: CELL-PROLIFERATIVE DISORDER USING CRE DECOY OLIGOMERS, BCL-2
; FILE REFERENCE: 10412-022-999
; CURRENT APPLICATION NUMBER: US/10/053,645A
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/263,244
; PRIOR FILING DATE: 2001-01-22
; NUMBER OF SEQ ID NOS: 43
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 28
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Description of artificial sequence: Synthetic Antisense
US-10-053-645A-28

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3919 CGACGCCGGCGCGCGCT 3937
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Db 19 CGCTGCCCGCCGCCCT 1

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RESULT 1372
US-10-305-810-44
; Sequence 44, Application US/10305810
; Publication No. US20030176585A1
; GENERAL INFORMATION:
; APPLICANT: Ju, Jingfang
; APPLICANT: Huang, Chunli
; APPLICANT: Zhong, Haihong
; APPLICANT: Simons, Jan-Fredrik
; APPLICANT: Tallon, Bruce E.
; APPLICANT: Chant, John S.
; APPLICANT: Peyman, John A.
; APPLICANT: Smithson, Glenda
; APPLICANT: Millet, Isabelle
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN EXPRESSION
; FILE REFERENCE: 21402-501
; CURRENT APPLICATION NUMBER: US/10/305,810
; CURRENT FILING DATE: 2002-11-27
; PRIOR APPLICATION NUMBER: 60/334,148
; PRIOR FILING DATE: 2001-11-29
; PRIOR APPLICATION NUMBER: 60/336,572
; PRIOR FILING DATE: 2001-12-04
; PRIOR APPLICATION NUMBER: 09/625,634
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/192,838
; PRIOR FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/194,256
; PRIOR FILING DATE: 2000-04-03
; PRIOR APPLICATION NUMBER: 09/957,187
; PRIOR FILING DATE: 2001-09-19
; PRIOR APPLICATION NUMBER: 60/233,798
; PRIOR FILING DATE: 2000-09-19
; PRIOR APPLICATION NUMBER: 09/970,813
; PRIOR FILING DATE: 2001-10-04
; PRIOR APPLICATION NUMBER: 60/182,637
; PRIOR FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 60/240,316
; PRIOR FILING DATE: 2000-10-13
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 47
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 44
; LENGTH: 20
; TYPE: DNA
; ORGANISM: IL-8-AS2
US-10-305-810-44

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 201 GAGGCTGCGCAAGAACCC 219
Db 2 GAAGGCTGCAAGAGACC 20

RESULT 1373
US-10-392-531-9
; Sequence 9, Application US/10392531
; Publication No. US20030176558A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-30
; CURRENT APPLICATION NUMBER: US/10/392,531
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: US/09/506,852
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/053,154
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; PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC13532
US-10-392-531-9

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2492 GACAGGATGAGTACAC 2510
Db 1 GAGAGGCTGAGAACAC 19

RESULT 1374
US-10-392-706-9
; Sequence 9, Application US/10392706
; Publication No. US2003017659A1
; GENERAL INFORMATION:
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: ADIPOCYTE-SPECIFIC PROTEIN HOMOLOGS
; FILE REFERENCE: 97-30
; CURRENT APPLICATION NUMBER: US/10/392,706
; CURRENT FILING DATE: 2003-03-20
; PRIOR APPLICATION NUMBER: US/09/506,852
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 60/053,154
; PRIOR FILING DATE: EARLIER FILING DATE: 1997-07-18
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 9
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Oligonucleotide ZC13532
US-10-392-706-9

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2492 GACAGGATGAGTACAC 2510
Db 1 GAGAGGCTGAGAACAC 19

RESULT 1375
US-10-262-666-14/C
; Sequence 14, Application US/10262666
; Publication No. US20030180298A1
; GENERAL INFORMATION:
; APPLICANT: Nakayama, Eiichi
; APPLICANT: Ono, Toshiro
; APPLICANT: Old, Lloyd J.
; APPLICANT: Haegawa, Kosei
; APPLICANT: Matsushita, Hirokazu
; TITLE OF INVENTION: CANCER-TESTIS ANTIGENS
; FILE REFERENCE: L00461.70140
; CURRENT APPLICATION NUMBER: US/10/262,666
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: PCT/US02/12497
; PRIOR FILING DATE: 2002-04-19
; PRIOR APPLICATION NUMBER: US 60/356,937
; PRIOR FILING DATE: 2002-02-14
; PRIOR APPLICATION NUMBER: US 60/285,343
; PRIOR FILING DATE: 2001-04-20
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NUMBER OF SEQ ID NOS: 80
 SOFTWARE: PatentIn version 3.1
 SEQ ID NO 14
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Primer
 US-10-262-666-14

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 9.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2645 CACTTCCAGTTTGTCTCC 2663
 DB 19 CACCTTCAGTTGTCTTAC 1

RESULT 1376
 US-10-239-976-124
 Sequence 124, Application US/10299976
 Publication No. US20030180312A1
 GENERAL INFORMATION:
 APPLICANT: Genentech, Inc.
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Botstein, David
 APPLICANT: Desnoyers, Luc
 APPLICANT: Eaton, Dan L.
 APPLICANT: Ferrara, Napoleone
 APPLICANT: Filvaroff, Ellen
 APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gurney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kijavlin, Ivar J.
 APPLICANT: Mather, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas F.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 FILE REFERENCE: P1618P2C85
 CURRENT APPLICATION NUMBER: US/10/299,976
 CURRENT FILING DATE: 2002-11-18
 PRIOR APPLICATION NUMBER: PCT/US00/04414
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20594
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214

PRIOR FILING DATE: 1999-11-29
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 124
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 OTHER INFORMATION: Oligonucleotide probe
 US-10-239-976-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 9.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2701 TTGAGTTTCTCAGTGTCTA 2719
 DB 1 TTGCTTACTCAGTGTCTA 19

RESULT 1377
 US-10-066-203-96
 Sequence 96, Application US/10066203
 Publication No. US20030180796A1
 GENERAL INFORMATION:
 APPLICANT: Ashkenazi, Avi
 APPLICANT: Kevin P. Baker
 APPLICANT: David A. Botstein
 APPLICANT: Luc Desnoyers
 APPLICANT: Dan L. Eaton
 APPLICANT: Napoleone Ferrara
 APPLICANT: Sherman Fong
 APPLICANT: Wei-Qiang Gao
 APPLICANT: Hanspeter Gerber
 APPLICANT: Mary E. Gerritsen
 APPLICANT: Audrey Goddard
 APPLICANT: Paul J. Godowski
 APPLICANT: Austin L. Gurney
 APPLICANT: Ivar J. Kijavlin
 APPLICANT: Jennie P. Mather
 APPLICANT: Mary A. Napier
 APPLICANT: James Pan
 APPLICANT: Nicholas F. Paoni
 APPLICANT: Margaret Ann Roy
 APPLICANT: Timothy A. Stewart
 APPLICANT: Daniel Tumas
 APPLICANT: Colin K. Watanabe
 APPLICANT: P. Mickey Williams
 APPLICANT: William I. Wood
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 FILE REFERENCE: P1310R1C5
 CURRENT APPLICATION NUMBER: US/10/066,203
 CURRENT FILING DATE: 2002-02-01
 PRIOR APPLICATION NUMBER: 10/002,796
 PRIOR FILING DATE: 2001-11-15
 PRIOR APPLICATION NUMBER: 60/056974
 PRIOR FILING DATE: 1997-08-26
 PRIOR APPLICATION NUMBER: 60/059115
 PRIOR FILING DATE: 1997-09-17
 PRIOR APPLICATION NUMBER: 60/059263
 PRIOR FILING DATE: 1997-09-18
 PRIOR APPLICATION NUMBER: 60/059588
 PRIOR FILING DATE: 1997-09-17
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 PRIOR FILING DATE: 1997-10-24
 PRIOR APPLICATION NUMBER: 60/063082
 PRIOR FILING DATE: 1997-10-31
 PRIOR APPLICATION NUMBER: 60/063329

PRIOR FILING DATE: 1997-10-27
 PRIOR APPLICATION NUMBER: 60/063733
 PRIOR FILING DATE: 1997-10-29
 PRIOR APPLICATION NUMBER: 60/066364
 PRIOR FILING DATE: 1997-11-21
 PRIOR APPLICATION NUMBER: 60/066840
 PRIOR FILING DATE: 1997-11-25
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 PRIOR FILING DATE: 1997-12-16
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 PRIOR FILING DATE: 1998-10-28
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 PRIOR FILING DATE: 1999-03-23
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 PRIOR APPLICATION NUMBER: 60/145070
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 PRIOR FILING DATE: 1999-03-09

PRIOR APPLICATION NUMBER: 09/254465
 PRIOR FILING DATE: 1999-03-05
 PRIOR APPLICATION NUMBER: 09/284663
 PRIOR FILING DATE: 1999-04-15
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 PRIOR APPLICATION NUMBER: 09/333075
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 PRIOR FILING DATE: 1999-06-14
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 PRIOR APPLICATION NUMBER: 09/380139
 PRIOR FILING DATE: 1999-08-25
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 PRIOR FILING DATE: 2001-03-14
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 PRIOR APPLICATION NUMBER: 09/870574
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 PRIOR APPLICATION NUMBER: 09/872035
 PRIOR FILING DATE: 2001-06-01
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 PRIOR FILING DATE: 1998-07-14
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 PRIOR FILING DATE: 1998-09-10
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 PRIOR FILING DATE: 1998-09-16
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 PRIOR FILING DATE: 1998-11-20
 PRIOR APPLICATION NUMBER: PCT/US98/25108
 PRIOR FILING DATE: 1998-12-01
 PRIOR APPLICATION NUMBER: PCT/US98/25190
 PRIOR FILING DATE: 1998-11-25
 PRIOR APPLICATION NUMBER: PCT/US99/05028
 PRIOR FILING DATE: 1999-03-08
 PRIOR APPLICATION NUMBER: PCT/US99/12252
 PRIOR FILING DATE: 1999-06-02
 PRIOR APPLICATION NUMBER: PCT/US99/20111
 PRIOR FILING DATE: 1999-09-01
 PRIOR APPLICATION NUMBER: PCT/US99/20594

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; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGTGCTA 2719
Db 1 TTGCTTACTCAGTGCTA 19

RESULT 1378
US-10-032-585-4265
; Sequence 4265, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 4265
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-4265

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3517 CGTGCTCTCAGAGGAGCT 3535
Db 2 CGCTACTCAGAGGAGCT 20

RESULT 1379
US-10-032-585-5326
; Sequence 5326, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5326
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5326

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1300 AGCTCAGCAACTGACAG 1318
Db 1 AGCTCAGCAACTGACAG 19
```

```
RESULT 1380
US-10-032-585-5522/C
; Sequence 5522, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5522
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5522

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2180 GACATTTCTCCGTTCTG 2198
Db 19 GAACATTTCTCCGTTCTCG 1

RESULT 1381
US-10-032-585-5770
; Sequence 5770, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032,585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5770
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5770

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1982 GGTGCTGCCAAGCGTAG 2000
Db 2 GGTGTGTCCAGCGTAG 20

RESULT 1382
US-10-299-937-124
; Sequence 124, Application US/10299937
; Publication No. US20030185846A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
```


APPLICANT: Fong, Sherman
 APPLICANT: Gao, Wei-Qiang
 APPLICANT: Gerber, Hanspeter
 APPLICANT: Gerritsen, Mary E.
 APPLICANT: Goddard, A.
 APPLICANT: Godowski, Paul J.
 APPLICANT: Grimaldi, Christopher J.
 APPLICANT: Gunney, Austin L.
 APPLICANT: Hillan, Kenneth, J.
 APPLICANT: Kljavin, Ivar J.
 APPLICANT: Macher, Jennie P.
 APPLICANT: Pan, James
 APPLICANT: Paoni, Nicholas P.
 APPLICANT: Roy, Margaret Ann
 APPLICANT: Stewart, Timothy A.
 APPLICANT: Tumas, Daniel
 APPLICANT: Williams, P. Mickey
 APPLICANT: Wood, William, I.
 TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 TITLE OF INVENTION: Acids Encoding the Same
 FILE REFERENCE: P1618P2C86
 CURRENT FILING DATE: 2002-11-18
 PRIOR APPLICATION NUMBER: US/10/299,937
 PRIOR FILING DATE: 2000-02-22
 PRIOR APPLICATION NUMBER: US 60/143,048
 PRIOR FILING DATE: 1999-07-07
 PRIOR APPLICATION NUMBER: US 60/145,698
 PRIOR FILING DATE: 1999-07-26
 PRIOR APPLICATION NUMBER: US 60/146,222
 PRIOR FILING DATE: 1999-07-28
 PRIOR APPLICATION NUMBER: PCT/US99/20584
 PRIOR FILING DATE: 1999-09-08
 PRIOR APPLICATION NUMBER: PCT/US99/20944
 PRIOR FILING DATE: 1999-09-13
 PRIOR APPLICATION NUMBER: PCT/US99/21090
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/21547
 PRIOR FILING DATE: 1999-09-15
 PRIOR APPLICATION NUMBER: PCT/US99/23089
 PRIOR FILING DATE: 1999-10-05
 PRIOR APPLICATION NUMBER: PCT/US99/28214
 PRIOR FILING DATE: 1999-11-29
 Remaining Prior Application data removed - See File Wrapper or PALM.
 NUMBER OF SEQ ID NOS: 423
 SEQ ID NO 124
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 OTHER INFORMATION: oligonucleotide probe
 US-10-299-937-124
 Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred.No.9.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Oy 2701 TTGAGTTCTCAGTGCTA 2719
 Db 1 TTGCTTACTCAGGTCGCTA 19
 RESULT 1383
 US-10-352-615-21
 Sequence 21, Application US/10352615
 Publication No. US2003019085A1
 GENERAL INFORMATION:
 APPLICANT: VAN DEN VEN, W.J.M.
 SCHOENMAEKERS, H.F.P.M.
 TITLE OF INVENTION: MULTIPLE-TUMOR ABERRENT GROWTH
 GENES
 NUMBER OF SEQUENCES: 164

CORRESPONDENCE ADDRESS:
 ADDRESSEE: The Webb Law Firm
 STREET: 700 Koppers Building, 436 Seventh Avenue
 CITY: Pittsburgh
 STATE: PA
 COUNTRY: USA
 ZIP: 15219-1818
 COMPUTER READABLE FORM:
 MEDIUM TYPE: Diskette
 COMPUTER: IBM Compatible
 OPERATING SYSTEM: DOS
 SOFTWARE: FastSeq for Windows Version 2.0
 CURRENT APPLICATION DATA:
 APPLICATION NUMBER: US/10/352,615
 FILING DATE: 28-Jan-2003
 CLASSIFICATION: 424
 PRIOR APPLICATION DATA:
 APPLICATION NUMBER: US/08/894,454
 FILING DATE: 15-AUG-1997
 APPLICATION NUMBER: PCT/EP/00716
 FILING DATE: 19-FEB-1996
 APPLICATION NUMBER: 95200390.3
 FILING DATE: 17-FEB-1995
 APPLICATION NUMBER: 95201951.1
 FILING DATE: 14-JUL-1995
 ATTORNEY/AGENT INFORMATION:
 NAME: Johnson, Barbara E
 REGISTRATION NUMBER: 31,198
 REFERENCE/DOCKET NUMBER: 702-971100
 TELECOMMUNICATION INFORMATION:
 TELEPHONE: 412-471-8815
 TELEFAX: 412-471-4094
 INFO: <Unknown>
 INFORMATION FOR SEQ ID NO: 21:
 SEQUENCE CHARACTERISTICS:
 LENGTH: 20 base pairs
 TYPE: nucleic acid
 STRANDEDNESS: single
 TOPOLOGY: linear
 SEQUENCE DESCRIPTION: SEQ ID NO: 21:
 US-10-352-615-21
 Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred.No.9.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Oy 326 GCAGCTCAGTTCTTCC 344
 Db 1 GCAGCTCAGCTCTTCC 19
 RESULT 1384
 US-10-148-835-119/c
 Sequence 119, Application US/10148835
 Publication No. US20030207380A1
 GENERAL INFORMATION:
 APPLICANT: SAITO et al.
 TITLE OF INVENTION: MUTANT ER alpha AND TEST SYSTEMS FOR TRANSACTIVATION
 FILE REFERENCE: 2185-0648P
 CURRENT APPLICATION NUMBER: US/10/148,835
 CURRENT FILING DATE: 2002-10-11
 NUMBER OF SEQ ID NOS: 213
 NUMBER OF SEQ ID NOS: 213
 SOFTWARE: PatentIn Ver. 2.0
 SEQ ID NO 119
 LENGTH: 20
 TYPE: DNA
 ORGANISM: Artificial Sequence
 FEATURE:
 OTHER INFORMATION: Description of Artificial Sequence:Designed
 OTHER INFORMATION: oligonucleotide probe for southern hybridization
 US-10-148-835-119
 Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3794 GCGCGCCGCGCGGACAG 3812
DB 20 GTGCGCCGTCGAGGACAG 2

RESULT 1385

US-10-298-993-124
; Sequence 124, Application US/10298993
; Publication No. US20030211576A1
; GENERAL INFORMATION:

APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvarolf, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavini, Ivar J.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P1618P2C94
CURRENT APPLICATION NUMBER: US/10/298,993
CURRENT FILING DATE: 2002-11-18
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: PCT/US99/20594
PRIOR FILING DATE: 1999-09-08
PRIOR APPLICATION NUMBER: PCT/US99/20944
PRIOR FILING DATE: 1999-09-13
PRIOR APPLICATION NUMBER: PCT/US99/21090
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/21547
PRIOR FILING DATE: 1999-09-15
PRIOR APPLICATION NUMBER: PCT/US99/23089
PRIOR FILING DATE: 1999-10-05
PRIOR APPLICATION NUMBER: PCT/US99/28214
PRIOR FILING DATE: 1999-11-29
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 423
SEQ ID NO 124
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Synthetic
OTHER INFORMATION: oligonucleotide probe
US-10-298-993-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCTCAGTGCTA 2719
DB 1 TTGCTTACTCAGTGCTA 19

RESULT 1386

US-10-144-140-81
; Sequence 81, Application US/10144140
; Publication No. US20030211606A1
; GENERAL INFORMATION:

APPLICANT: Kenneth W. Dobie
APPLICANT: Susan M. Freiler
TITLE OF INVENTION: ANTISENSE MODULATION OF DYRK4 EXPRESSION
FILE REFERENCE: RTS-0362
CURRENT APPLICATION NUMBER: US/10/144,140
CURRENT FILING DATE: 2002-05-10
NUMBER OF SEQ ID NOS: 87
SEQ ID NO 81
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-144-140-81

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4797 GTTGAAGAGAGCAGAAAT 4815
DB 1 GTGGAAGAGAGCAGACAT 19

RESULT 1387

US-10-448-753-88
; Sequence 88, Application US/10448753
; Publication No. US20030211611A1
; GENERAL INFORMATION:
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF ESTROGEN RECEPTOR ALPHA EXPRESSION
FILE REFERENCE: RTS-0340
CURRENT APPLICATION NUMBER: US/10/448,753
CURRENT FILING DATE: 2003-05-30
PRIOR APPLICATION NUMBER: US/10/027,983
PRIOR FILING DATE: 2001-12-18
NUMBER OF SEQ ID NOS: 98
SEQ ID NO 88
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-448-753-88

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1780 CCTGTTTCTCTCCAGAG 1798
DB 2 CCTGTTCTCTCTCCAGAG 20

RESULT 1388
US-10-314-578-48
; Sequence 48, Application US/10314578

```
Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 48
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
NAME/KEY: modified_base
LOCATION: (8)...(8)
OTHER INFORMATION: m5c
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-314-578-48

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      1357 TGCACGAGGCTCTGAGTCT 1376
Db      1 TCCATGTGTCCTGAGTCT 20

RESULT 1389
US-10-314-578-1055/c
Sequence 1055, Application US/10314578
Publication No. US20030212026A1
GENERAL INFORMATION:
APPLICANT: Krieg, Arthur M.
APPLICANT: Schetter, Christian
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
FILE REFERENCE: C1039/7035 (HCL/MAT)
CURRENT APPLICATION NUMBER: US/10/314,578
CURRENT FILING DATE: 2002-12-09
PRIOR APPLICATION NUMBER: US 60/156,113
PRIOR FILING DATE: 1999-09-25
PRIOR APPLICATION NUMBER: US 60/156,135
PRIOR FILING DATE: 1999-09-27
PRIOR APPLICATION NUMBER: US 60/227,436
PRIOR FILING DATE: 2000-08-23
NUMBER OF SEQ ID NOS: 1145
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 1055
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Sequence
US-10-314-578-1055

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      888 CCCCCAGAAACATCCCGC 906
Db      19 CCCCCAACATCATCCCC 1
```

```
RESULT 1390
US-10-419-549-2
Sequence 2, Application US/10419549
Publication No. US20030215423A1
GENERAL INFORMATION:
APPLICANT: Morey, Manal
APPLICANT: Gu, Mingcheng
APPLICANT: Zhao, Jing Zhang
APPLICANT: Caskey, C. Thomas
APPLICANT: Kochanek, Stefan
TITLE OF INVENTION: GENE THERAPY FOR OBESITY
FILE REFERENCE: 19725YPCA
CURRENT APPLICATION NUMBER: US/10/419,549
CURRENT FILING DATE: 2003-04-21
PRIOR APPLICATION NUMBER: PCT/US97/10371
PRIOR FILING DATE: 1997-06-20
PRIOR APPLICATION NUMBER: 08/878,737
PRIOR FILING DATE: 1997-06-19
PRIOR APPLICATION NUMBER: 60/026,753
PRIOR FILING DATE: 1996-09-26
PRIOR APPLICATION NUMBER: 60/020,813
PRIOR FILING DATE: 1996-06-20
NUMBER OF SEQ ID NOS: 9
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR primer
US-10-419-549-2

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4254 TTACGACCAAGTGTGTGAG 4272
Db      1 TCAGCACCACGAGGCTGAG 19

RESULT 1391
US-10-147-196-24/c
Sequence 24, Application US/10147196
Publication No. US20030215943A1
GENERAL INFORMATION:
APPLICANT: Rosanne M. Crooke
APPLICANT: Mark J. Graham
TITLE OF INVENTION: ANTISENSE MODULATION OF APOLOPROTEIN B EXPRESSION
FILE REFERENCE: ISPH-0664
CURRENT APPLICATION NUMBER: US/10/147,196
CURRENT FILING DATE: 2002-05-15
NUMBER OF SEQ ID NOS: 124
SEQ ID NO 24
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-147-196-24

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1342 AGCTCAGGCTTGTCTGCA 1360
Db      20 AGGGCAAGCCTTGCTGAA 2

RESULT 1392
```

```
US-10-174-364-81/c
; Sequence 81, Application US/10174364
; Publication No. US20030216308A1
; GENERAL INFORMATION:
; APPLICANT: Anderson et al.
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-729CIP2
; CURRENT APPLICATION NUMBER: US/10/174,364
; CURRENT FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: 60/190,835
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: 60/190,768
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: 60/190,972
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/191,199
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/191,947
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: 60/192,665
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,657
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,984
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,664
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,836
; PRIOR FILING DATE: 2000-03-29
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:chemically
; OTHER INFORMATION: Synthesized
US-10-174-364-81

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2620 TCTTTGCCACATTTGAGGC 2638
Db      19 TCTTTGCCACACTTTGAGC 1

RESULT 1393
US-10-154-708-88/c
; Sequence 88, Application US/10154708
; Publication No. US20030219895A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Malt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CDC-LIKE KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0213
; CURRENT APPLICATION NUMBER: US/10/154,708
; CURRENT FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 143
; SEQ ID NO 88
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-154-708-88

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      3880 CTTCCAGATCGAATCAA 3898
Db      19 CTTCCAGAACGTAATCAA 1

RESULT 1394
US-10-154-708-142
; Sequence 142, Application US/10154708
; Publication No. US20030219895A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Malt
; TITLE OF INVENTION: ANTISENSE MODULATION OF CDC-LIKE KINASE 1 EXPRESSION
; FILE REFERENCE: RTS-0213
; CURRENT APPLICATION NUMBER: US/10/154,708
; CURRENT FILING DATE: 2002-05-22
; NUMBER OF SEQ ID NOS: 143
; SEQ ID NO 142
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-154-708-142

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3880 CTTCCAGATCGAATCAA 3898
Db      2 CTTCCAGAACGTAATCAA 20

RESULT 1395
US-10-159-266-48/c
; Sequence 48, Application US/10159266
; Publication No. US20030224511A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CATHEPSIN 2 EXPRESSION
; FILE REFERENCE: RTS-0398
; CURRENT APPLICATION NUMBER: US/10/159,266
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 48
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-159-266-48

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      5005 CCAGCTGCGTGGCAGGGA 5023
Db      20 CCAGCTGCGTGGCAGGGA 2

RESULT 1396
US-10-159-266-122
; Sequence 122, Application US/10159266
; Publication No. US20030224511A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF CATHEPSIN 2 EXPRESSION
; FILE REFERENCE: RTS-0398
; CURRENT APPLICATION NUMBER: US/10/159,266
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 122
; LENGTH: 20
```

TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-159-266-122

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 5005 CCAGCTGCTGCCAGGAA 5023
DB 1 CCAGCTGCTGCCAGGAA 19

RESULT 1397
US-10-160-807-64/C
Sequence 64, Application US/10160807
Publication No. US20030224514A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Susan M. Freiler
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
FILE REFERENCE: RTS-0189
CURRENT APPLICATION NUMBER: US/10/160,807
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 296
SEQ ID NO 64
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-160-807-64

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1664 CCAGCTCTGCAGCAGATG 1682
DB 20 CCAGCTCTGCAGCAGATG 2

RESULT 1398
US-10-160-807-212
Sequence 212, Application US/10160807
Publication No. US20030224514A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Susan M. Freiler
APPLICANT: Andrew T. Watt
TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
FILE REFERENCE: RTS-0189
CURRENT APPLICATION NUMBER: US/10/160,807
CURRENT FILING DATE: 2002-05-31
NUMBER OF SEQ ID NOS: 296
SEQ ID NO 212
LENGTH: 20
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-160-807-212

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1664 CCAGCTCTGCAGCAGATG 1682
DB 1 CCAGCTCTGCAGCAGATG 19

RESULT 1399
US-10-161-996-154/C
Sequence 154, Application US/10161996
Publication No. US20030224514A1
GENERAL INFORMATION:
APPLICANT: Susan M. Freiler
APPLICANT: Brenda F. Baker
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF STEROL REGULATORY ELEMENT-BINDING PROTEIN
FILE REFERENCE: RTS-0395
CURRENT APPLICATION NUMBER: US/10/161,996
CURRENT FILING DATE: 2002-06-04
NUMBER OF SEQ ID NOS: 273
SEQ ID NO 154
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-161-996-154

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3218 TGCTCCAGCATCTACTGAA 3236
DB 19 TGCTCCAGCATCTACTGAA 1

RESULT 1400
US-10-448-923-124
Sequence 124, Application US/10448923
Publication No. US200302253A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, A.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth, J.
APPLICANT: Kijavini, Ivar P.
APPLICANT: Mather, Jennie P.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William, I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: 10466-14
CURRENT APPLICATION NUMBER: US/10/448,923
CURRENT FILING DATE: 2003-05-29
PRIOR APPLICATION NUMBER: PCT/US00/04414
PRIOR FILING DATE: 2000-02-22
PRIOR APPLICATION NUMBER: US 60/143,048
PRIOR FILING DATE: 1999-07-07
PRIOR APPLICATION NUMBER: US 60/145,698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: US 60/146,222

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; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide probe
; US-10-448-923-124

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTCTCAGGTGCTA 2719
Db      1 TTGGCTTACTCAGGTGCTA 19

RESULT 1401
; US-10-004-378A-157
; Sequence 157, Application US/10004378A
; Publication No. US20030228301A1
; GENERAL INFORMATION:
; APPLICANT: Li, Li
; APPLICANT: Furtak, Kazaryna
; APPLICANT: Perna, Amanda
; APPLICANT: Paturajan, Meera
; APPLICANT: Shimkets, Richard A
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Caeman, Stacie J
; APPLICANT: Burgess, Catherine E
; APPLICANT: Malyankar, Urfiel M
; APPLICANT: Tcherev, Veizaz T
; APPLICANT: Vernet, Corinne A
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Agee, Michele
; APPLICANT: Rastelli, Luca
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Grose, William M
; APPLICANT: Alsobrook II, John P
; APPLICANT: Legley, Denise M
; APPLICANT: Getlach, Valerie
; APPLICANT: Edinger, Schromit
; APPLICANT: MacDougall, John R
; APPLICANT: Payman, John A
; APPLICANT: Gunther, Erik
; APPLICANT: Stone, David J
; APPLICANT: Ellerman, Karen
; APPLICANT: Gangolli, Esha A
; TITLE OF INVENTION: No. US20030228301A1 Human Proteins, Polynucleotides Encoding Th
; TITLE OF INVENTION: Methode of Using the Same
; FILE REFERENCE: 21402-179
; CURRENT APPLICATION NUMBER: US/10/004,378A
; PRIOR FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 60/242,882
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: 60/242,765
; PRIOR FILING DATE: 2000-10-24
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; PRIOR APPLICATION NUMBER: 60/300,206
; PRIOR FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: 60/242,789
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: 60/242,768
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: 60/242,767
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: 60/243,622
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: 60/273,047
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 60/243,591
; PRIOR FILING DATE: 2000-10-26
; PRIOR APPLICATION NUMBER: 60/243,950
; PRIOR FILING DATE: 2000-10-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 191
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 157
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR Primer
; OTHER INFORMATION: sequence
; US-10-004-378A-157

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1031 TTGGCTTCCAGAGAGCAT 1049
Db      2 TTGGCATCCAGAGATCTT 20

RESULT 1402
; US-10-388-263-556/c
; Sequence 556, Application US/10388263
; Publication No. US20030228597A1
; GENERAL INFORMATION:
; APPLICANT: Cowser, Lex M.
; APPLICANT: Baker, Brenda F.
; APPLICANT: McNeill, John
; APPLICANT: Freier, Susan M.
; APPLICANT: Sasmor, Henri M.
; APPLICANT: Brooks, Douglas G.
; APPLICANT: Ohashi, Cara
; APPLICANT: Wyatt, Jacqueline R.
; APPLICANT: Borchers, Alexander
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR
; TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES AND
; TITLE OF INVENTION: GENERATION OF OLIGONUCLEOTIDES FOR GENE MODULATION
; FILE REFERENCE: ISIS-4503
; CURRENT APPLICATION NUMBER: US/10/388,263
; PRIOR FILING DATE: 2003-03-12
; NUMBER OF SEQ ID NOS: 947
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 556
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
; OTHER INFORMATION: sequence
; US-10-388-263-556

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1342 AGGTCAAGGCTTGCTGCA 1360
```

Db 20 AGGCGAAGCCTTGCTGA 2

RESULT 1403
US-10-174-771-13
; Sequence 13, Application US/10174771
; Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-771-13

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2328 AAGCAGCAGCAGTACGCG 2346
Db 1 AAGCAGCAGCAGGAAG 19

RESULT 1404
US-10-174-771-56/c
; Sequence 56, Application US/10174771
; Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-771-56

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1814 GGAGACTCTGCGGACTAC 1832
Db 20 GGAGACTCTGCGGACTAC 2

RESULT 1405
US-10-174-771-125
; Sequence 125, Application US/10174771
; Publication No. US20030232034A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF JUNCTIONAL ADHESION MOLECULE 3 EXPRESSION
; FILE REFERENCE: RTS-0430
; CURRENT APPLICATION NUMBER: US/10/174,771
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 151
; SEQ ID NO 125
; LENGTH: 20

; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-771-125

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1814 GGAGACTCTGCGGACTAC 1832
Db 1 GGAGACTCTGCGGACTAC 19

RESULT 1406
US-10-173-817-22/c
; Sequence 22, Application US/10173817
; Publication No. US20030232438A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
; FILE REFERENCE: RTS-0359
; CURRENT APPLICATION NUMBER: US/10/173,817
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 131
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-173-817-22

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2628 ACATTGAGCGAGAGTCA 2646
Db 19 ACATTGAGCGAAGTGCA 1

RESULT 1407
US-10-173-817-93
; Sequence 93, Application US/10173817
; Publication No. US20030232438A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
; FILE REFERENCE: RTS-0359
; CURRENT APPLICATION NUMBER: US/10/173,817
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 131
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-173-817-93

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2628 ACATTGAGCGAGAGTCA 2646
Db 2 ACATTGAGCGAAGTGCA 20

RESULT 1408
US-10-177-798-29

```
; Sequence 29, Application US/10177798
; Publication No. US20030235912A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ORPHAN G-PROTEIN COUPLED RECEPTOR GPRC5B
; TITLE OF INVENTION: EXPRESSION
; FILE REFERENCE: PHS-0047
; CURRENT APPLICATION NUMBER: US/10/177,798
; CURRENT FILING DATE: 2002-06-19
; NUMBER OF SEQ ID NOS: 70
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-177-798-29

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3828 AAGACCCCGTGCAGCTCC 3846
Db      2 AAGCCCCGTTCACTTCC 20

RESULT 1409
US-10-271-602B-20
; Sequence 20, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Probe sequence derived from human genomic sequence
US-10-271-602B-20

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1540 TCCTGCAGCTCATTAGTC 1558
Db      2 TCCTGCAGCTCATTAGTC 20

RESULT 1410
US-10-271-602B-29
; Sequence 29, Application US/10271602B
```

```
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-271-602B-29

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1540 TCCTGCAGCTCATTAGTC 1558
Db      2 TCCTGCAGCTCATTAGTC 20

RESULT 1411
US-10-271-602B-50
; Sequence 50, Application US/10271602B
; Publication No. US20040002073A1
; GENERAL INFORMATION:
; APPLICANT: Alice Xiang Li
; APPLICANT: Ghazala Hashmi
; APPLICANT: Michael Seul
; TITLE OF INVENTION: MULTIPLEXED ANALYSIS OF POLYMORPHIC LOCI
; TITLE OF INVENTION: BY CONCURRENT INTERROGATION AND ENZYME-MEDIATED DETECTION
; FILE REFERENCE: eMAP-US
; CURRENT APPLICATION NUMBER: US/10/271,602B
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/329,427
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,620
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/329,428
; PRIOR FILING DATE: 2001-10-14
; PRIOR APPLICATION NUMBER: 60/329,619
; PRIOR FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 60/364,416
; PRIOR FILING DATE: 2002-03-14
; NUMBER OF SEQ ID NOS: 212
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-10-271-602B-50

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1540 TCCTGCAGCTCATTAGTC 1558
```


Db 2 TCTTGACGCTGCTTAAGTC 20

RESULT 1412
US-10-186-157-16
; Sequence 16, Application US/10186157
; Publication No. US20040002151A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF SELENOPHOSPHATE SYNTHETASE 2 EXPRESSION
; FILE REFERENCE: RTS-0193
; CURRENT APPLICATION NUMBER: US/10/186,157
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-186-157-16

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 4737 CCGCGGGTTCGGCATGGC 4755
Db 2 CCGAGGCTTCGGCATGGC 20

RESULT 1413
US-10-369-435-56/c
; Sequence 56, Application US/10369435
; Publication No. US20040002440A1
; GENERAL INFORMATION:
; APPLICANT: Mathews, Sarah
; APPLICANT: Timms, Peter
; TITLE OF INVENTION: No. US20040002440A1 Diagnostic Agents and Uses Therefor
; FILE REFERENCE: 10338-15US (2615070/VPA)
; CURRENT APPLICATION NUMBER: US/10/369,435
; PRIOR FILING DATE: 2003-02-19
; PRIOR APPLICATION NUMBER: AU P03540/00
; PRIOR FILING DATE: 2000-08-18
; PRIOR APPLICATION NUMBER: PCT/AU01/01021
; NUMBER OF SEQ ID NOS: 66
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: synthetic
US-10-369-435-56

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 769 ACAAGAGAAACATGGG 787
Db 19 ACAACATGAACATGGG 1

RESULT 1414
US-10-174-014-30
; Sequence 30, Application US/10174014
; Publication No. US20040005292A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; APPLICANT: Kenneth W. Doble

; TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
; FILE REFERENCE: PTS-0012
; CURRENT APPLICATION NUMBER: US/10/174,014
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 30
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-174-014-30

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1145 GACCACACTGCTGCAAG 1163
Db 2 GCCCACCTGCTGCAAG 20

RESULT 1415
US-10-174-014-61/c
; Sequence 61, Application US/10174014
; Publication No. US20040005292A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF SMRT EXPRESSION
; FILE REFERENCE: PTS-0012
; CURRENT APPLICATION NUMBER: US/10/174,014
; CURRENT FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-174-014-61

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Oy 1145 GACCACACTGCTGCAAG 1163
Db 19 GCCCACCTGCTGCAAG 1

RESULT 1416
US-10-188-646-83
; Sequence 83, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 83
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-188-646-83

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4925 CAGTTAAGCCAGCCCCC 4943

Db 1 CAGTTAAGCCATCCCCC 19

RESULT 1417
US-10-188-646-147/c
; Sequence 147, Application US/10188646
; Publication No. US20040005565A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIVIN EXPRESSION
; FILE REFERENCE: RTS-0373
; CURRENT APPLICATION NUMBER: US/10/188,646
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 153
; SEQ ID NO 147
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-188-646-147

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4925 CAGTTAAGCCAGCCCCC 4943

Db 20 CAGTTAAGCCATCCCCC 2

RESULT 1418
US-10-349-143-5639
; Sequence 5639, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5639
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: upstream amplification primer 99-5756 for SEQ 1705,
US-10-349-143-5639

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2812 ATGAAGAAGGAAGTAGCG 2830

Db 2 ATAAAGAAGGAAGGAAGG 20

RESULT 1419

US-10-349-143-7908/c
; Sequence 7908, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 7908
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-12575 for SEQ 43, in compleme
US-10-349-143-7908

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3318 CAGCAGCCCAAGCCCTGA 3336

Db 20 CAGAGCCCATAGCCAGGA 2

RESULT 1420
US-10-349-143-8384/c
; Sequence 8384, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 8384
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-15098 for SEQ 519, in compleme
US-10-349-143-8384

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2812 ATGAAGAAGGAAGTAGCG 2830

Db 2 ATAAAGAAGGAAGGAAGG 20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2128 GCCACTTGACTTCAGAG 2146
Db 20 GCCACCGTACTTCAGAG 2

RESULT 1421

US-10-349-143-10419
; Sequence 10419, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Ballelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10419
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-11788 for SEQ 2554, in complem
US-10-349-143-10419

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1326 TCATTCATTGAAGACAG 1344
Db 2 TCAGCAATTAAGACAG 20

RESULT 1422

US-10-437-733-31/c
; Sequence 31, Application US/10437733
; Publication No. US20040005612A1
; GENERAL INFORMATION:
; APPLICANT: GIUDICE, LINDA C.
; APPLICANT: KAO, LEE C.
; TITLE OF INVENTION: ENDOMETRIAL GENES IN ENDOMETRIAL
; TITLE OF INVENTION: DISORDERS
; FILE REFERENCE: STAN-266
; CURRENT APPLICATION NUMBER: US/10/437,733
; CURRENT FILING DATE: 2003-05-13
; PRIOR APPLICATION NUMBER: 60/380,689
; PRIOR FILING DATE: 2002-05-14
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-437-733-31

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 148 TCAGTCGCACTGACACT 166
Db 19 TGAGTCGCACTGACACT 1

RESULT 1423

US-10-449-656-124
; Sequence 124, Application US/10449656
; Publication No. US20040005655A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Flivartoff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Mather, Jennie F.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/10/449,656
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe

US-10-449-656-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1424

US-10-189-267-56
; Sequence 56, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 56
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-189-267-56

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5051 GAAATAGTCGACCTTTTC 5069
Db 1 GAACTAGTACGCTTTTC 19

RESULT 1425
US-10-189-267-199/c
; Sequence 199, Application US/10189267
; Publication No. US20040006030A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF TGF-BETA 2 EXPRESSION
; FILE REFERENCE: PTS-0038
; CURRENT APPLICATION NUMBER: US/10/189,267
; CURRENT FILING DATE: 2002-07-02
; NUMBER OF SEQ ID NOS: 284
; SEQ ID NO 199
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-189-267-199

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5051 GAAATAGTCGACCTTTTC 5069
Db 20 GAACTAGTACGCTTTTC 2

RESULT 1426
US-10-448-713-124
; Sequence 124, Application US/10448713

; Publication No. US20040006211A1

; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerltsen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/10/448,713
; CURRENT FILING DATE: 2003-05-29
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: Oligonucleotide probe
US-10-448-713-124

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2701 TTGAGTTCTCAGGTGCTA 2719
Db 1 TTGCTTACTCAGGTGCTA 19

RESULT 1427

```
US-10-289-762-1329/c
; Sequence 1329, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1329
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-1329
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4323 CTCGCTCTTGACTGCGG 4341
Db      19 CTCGATCTTCGCTAGG 1

RESULT 1428
US-10-289-762-1354
; Sequence 1354, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 1354
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-1354
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      282 CTCCTCTCTCTCTGCTT 300
Db      2 CCTCTCTCTTGTCTGCTT 20

RESULT 1429
US-10-289-762-3148/c
; Sequence 3148, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 3148
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-3148
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```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3687 ATCGTGTCAACCAAGCCC 3705
Db      20 ATCGTGTCTCCATAGACC 2

RESULT 1430
US-10-289-762-4014
; Sequence 4014, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4014
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-4014
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      4473 GTGCTGTCTAAGTCTTT 4491
Db      1 GAGCTATGCTATGTGCTTT 19

RESULT 1431
US-10-289-762-4648
; Sequence 4648, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 4648
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-4648
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      944 TTCAAAGAGAAATCCCGA 962
Db      2 TTGAAGAGAGAAATCCCGA 20

RESULT 1432
US-10-289-762-6018/c
; Sequence 6018, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6018
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae

US-10-289-762-6018
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```
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; TITLE OF INVENTION: and treatment of infection
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6018
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6018

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2645 CACTTCCAGTGTCTCC 2663
Db      19 CACTTCTCATTTCTCTCC 1

RESULT 1433
US-10-289-762-6232/c
; Sequence 6232, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6232
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6232

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3041 AGGCCACTTCGAGGGGAG 3059
Db      19 AGGTCACTTCGAGGGAG 1

RESULT 1434
US-10-289-762-6317/c
; Sequence 6317, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6317
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6317

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2223 CCCTTAACATCACTCACC 2241
```

```
Db      19 CCCGTTATCATCATCACC 1

RESULT 1435
US-10-289-762-6458
; Sequence 6458, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragments
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prevention
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; CURRENT FILING DATE: 2003-03-27
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6458
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6458

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2331 CAGCAGCAGTACCGCAGAC 2349
Db      2 CAGCAGCAGAACCGCAAGC 20

RESULT 1436
US-10-199-199-23/c
; Sequence 23, Application US/10199199
; Publication No. US20040014047A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF LIM DOMAIN KINASE 1 EXPRESSION
; FILE REFERENCE: R15-0375
; CURRENT APPLICATION NUMBER: US/10/199,199
; CURRENT FILING DATE: 2002-07-18
; NUMBER OF SEQ ID NOS: 148
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-199-23

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3498 GCGAAGAACCGCAGGGACA 3516
Db      19 GCGAAGAACGTATGGAGA 1

RESULT 1437
US-10-199-675-25
; Sequence 25, Application US/10199675
; Publication No. US20040014050A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; TITLE OF INVENTION: ANTISENSE MODULATION OF E2F8 EXPRESSION
; FILE REFERENCE: R15-0371
; CURRENT APPLICATION NUMBER: US/10/199,675
; CURRENT FILING DATE: 2002-07-19
; NUMBER OF SEQ ID NOS: 112
```

SEQ ID NO 25
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-199-675-25

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3161 CACCAGCCAGCCCATG 3179
DB 1 CAGCAGCCCGCATCTCATG 19

RESULT 1438
US-10-199-675-93/c
Sequence 93, Application US/10199675
Publication No. US20040014050A1
GENERAL INFORMATION:
APPLICANT: William Gaarde
APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: ANTISENSE MODULATION OF EDG8 EXPRESSION
FILE REFERENCE: RTS-0371
CURRENT APPLICATION NUMBER: US/10/199,675
CURRENT FILING DATE: 2002-07-19
NUMBER OF SEQ ID NOS: 112
SEQ ID NO 93
LENGTH: 20.
TYPE: DNA
ORGANISM: H. sapiens
FEATURE:
US-10-199-675-93

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3161 CACCAGCCAGCCCATG 3179
DB 20 CAGCAGCCCGCATCTCATG 2

RESULT 1439
US-10-198-695-9
Sequence 9, Application US/10198695
Publication No. US20040014650A1
GENERAL INFORMATION:
APPLICANT: Sheppard, Paul O.
APPLICANT: Lasser, Gerald W.
APPLICANT: Bishop, Paul D.
TITLE OF INVENTION: INHIBITORS FOR USE IN HEMOSTASIS AND
TITLE OF INVENTION: IMMUNE FUNCTION
FILE REFERENCE: 99-112
CURRENT APPLICATION NUMBER: US/10/198,695
CURRENT FILING DATE: 2002-07-17
NUMBER OF SEQ ID NOS: 50
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 9
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide ZC13532
US-10-198-695-9

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2492 GACAGGATGAATCAAC 2510

DB 1 CAGCAGCCCGCATCTCATG 19

RESULT 1440
US-10-435-696-217
Sequence 217, Application US/10435696
Publication No. US20040018525A1
GENERAL INFORMATION:
APPLICANT: Wirtz, Ralph
APPLICANT: Munnes, Marc
APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
FILE REFERENCE: Lea 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: EP02010291.9
PRIOR FILING DATE: 2002-05-21
NUMBER OF SEQ ID NOS: 314
SOFTWARE: PatentIn version 3.1
SEQ ID NO 217
LENGTH: 20
TYPE: DNA
ORGANISM: ARTIFICIAL SEQUENCE
FEATURE:
OTHER INFORMATION: LOC51242 for
US-10-435-696-217

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4882 GGTCCTGTGACCTCTTC 4900
DB 2 GGTCCTGTGCTCTTTC 20

RESULT 1441
US-10-435-696-287
Sequence 287, Application US/10435696
Publication No. US20040018525A1
GENERAL INFORMATION:
APPLICANT: Wirtz, Ralph
APPLICANT: Munnes, Marc
APPLICANT: Kallabis, Harald
TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
FILE REFERENCE: Lea 36 108
CURRENT APPLICATION NUMBER: US/10/435,696
CURRENT FILING DATE: 2003-05-09
PRIOR APPLICATION NUMBER: EP03003112.4
PRIOR FILING DATE: 2003-02-13
PRIOR APPLICATION NUMBER: EP02010291.9
PRIOR FILING DATE: 2002-05-21
NUMBER OF SEQ ID NOS: 314
SOFTWARE: PatentIn version 3.1
SEQ ID NO 287
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: D1184358 forward primer
US-10-435-696-287

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2407 TCGAGGAGAAATCAC 2425

Db 1 TCGAGAGCAGCAAAATCAC 19

RESULT 1442
US-10-440-464-177
; Sequence 177, Application US/10440464
; Publication No. US20040018528A1
; GENERAL INFORMATION:
; APPLICANT: DEPRIMO, SAMUEL
; APPLICANT: O'FARRELL, ANNE-MARIE
; APPLICANT: MORIMOTO, ALYSSA
; APPLICANT: SMOLICH, BEVERLY
; APPLICANT: MANNING, WILLIAM
; APPLICANT: WALTER, SARAH
; APPLICANT: CHERRINGTON, JULIE
; APPLICANT: SCHILLING, JIM
; TITLE OF INVENTION: NOVEL BIOMARKERS OF TYROSINE KINASE INHIBITOR EXPOSURE
; TITLE OF INVENTION: AND ACTIVITY IN MAMMALS
; FILE REFERENCE: 038602/1592
; CURRENT APPLICATION NUMBER: US/10/440,464
; CURRENT FILING DATE: 2003-05-19
; PRIOR APPLICATION NUMBER: 60/380,872
; PRIOR FILING DATE: 2002-05-17
; PRIOR APPLICATION NUMBER: 60/448,922
; PRIOR FILING DATE: 2003-02-24
; PRIOR APPLICATION NUMBER: 60/448,874
; PRIOR FILING DATE: 2003-02-24
; NUMBER OF SEQ ID NOS: 185
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 177
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-440-464-177

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1355 GCTGCACGAGGCTCTGAG 1373
Db 1 GCTGCATGTGATCTCTGAG 19

RESULT 1443
US-10-161-493-189
; Sequence 189, Application US/10161493
; Publication No. US20040018555A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Li, Li
; APPLICANT: Zhong, Mei
; APPLICANT: Casman, Stacie J
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shimkets, Richard A
; APPLICANT: Gorman, Linda
; APPLICANT: Pena, Carol EA
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Patnurajan, Meera
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Leite, Mario W
; APPLICANT: Rastelli, Luca
; APPLICANT: MacDougall, John R
; APPLICANT: Taupier Jr., Raymond J
; APPLICANT: Guo, Xiaojia Sasha
; APPLICANT: Miller, Charles E
; APPLICANT: Shenoy, Suresh G
; APPLICANT: Hjalte, Tord
; APPLICANT: Voss, Edward Z
; APPLICANT: Boldog, Ferenc L

; APPLICANT: Malvanekar, Uriel M
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Ji, Weizhen
; APPLICANT: Smithson, Glenda
; APPLICANT: Edinger, Shomlet R
; APPLICANT: Millet, Isabelle
; APPLICANT: Ellerman, Karen
; TITLE OF INVENTION: No. US20040018555A1 Antibodies that Bind to Antigenic Polypept
; TITLE OF INVENTION: Acids Encoding the Antigens, and Methods of Use
; FILE REFERENCE: 21402-377A
; CURRENT APPLICATION NUMBER: US/10/161,493
; CURRENT FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/295,607
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/337,524
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/296,404
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,418
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,575
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: 60/359,151
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 60/297,414
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/297,573
; PRIOR FILING DATE: 2001-06-12
; PRIOR APPLICATION NUMBER: 60/341,143
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: 60/297,567
; PRIOR FILING DATE: 2001-06-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 299
; SEQ ID NO 189
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Forward Primer
US-10-161-493-189

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3373 CCTGCAGGAGGAGAACTCC 3391
Db 2 CCTGCAGCTGAGCAAAATCC 20

RESULT 1444
US-10-161-493-194/c
; Sequence 194, Application US/10161493
; Publication No. US20040018555A1
; GENERAL INFORMATION:
; APPLICANT: Anderson, David W
; APPLICANT: Zerhusen, Bryan D
; APPLICANT: Li, Li
; APPLICANT: Zhong, Mei
; APPLICANT: Casman, Stacie J
; APPLICANT: Gerlach, Valerie
; APPLICANT: Shimkets, Richard A
; APPLICANT: Gorman, Linda
; APPLICANT: Pena, Carol EA
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Patnurajan, Meera
; APPLICANT: Spytek, Kimberly A
; APPLICANT: Leite, Mario W
; APPLICANT: Rastelli, Luca
; APPLICANT: MacDougall, John R
; APPLICANT: Taupier Jr., Raymond J
; APPLICANT: Guo, Xiaojia Sasha


```
; APPLICANT: Miller, Charles E
; APPLICANT: Shenoy, Sureeh G
; APPLICANT: Hjalte, Tord
; APPLICANT: Voss, Edward Z
; APPLICANT: Boldog, Ferenc L
; APPLICANT: Malyankar, Uriel M
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Ji, Weizhen
; APPLICANT: Smithson, Glenda
; APPLICANT: Edinger, Shlomit R
; APPLICANT: Millet, Isabelle
; APPLICANT: Ellerman, Karen
; TITLE OF INVENTION: No. US2004001855A1el Antibodies that Bind to Antigenic Polypepti
; FILE REFERENCE: 21402-377A
; CURRENT APPLICATION NUMBER: US/10/161,493
; PRIOR FILING DATE: 2002-06-03
; PRIOR APPLICATION NUMBER: 60/295,607
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/337,524
; PRIOR FILING DATE: 2001-11-16
; PRIOR APPLICATION NUMBER: 60/296,404
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,418
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,575
; PRIOR FILING DATE: 2001-06-07
; PRIOR APPLICATION NUMBER: 60/359,151
; PRIOR FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 60/297,414
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/297,573
; PRIOR FILING DATE: 2001-06-12
; PRIOR APPLICATION NUMBER: 60/341,143
; PRIOR FILING DATE: 2001-12-14
; PRIOR APPLICATION NUMBER: 60/297,567
; PRIOR FILING DATE: 2001-06-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 194
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Reverse Primer
US-10-161-493-194
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3532 ACCTGCCGCTGACGAGCC 3550
Db 19 ACCTGAGCTGAGAGGCC 1

RESULT 1445
US-10-379-182-4
; Sequence 4, Application US/10379182
; Publication No. US20040019916A1
; GENERAL INFORMATION:
; APPLICANT: Zarling, David A.
; APPLICANT: Seta, Elissa P.
; TITLE OF INVENTION: IN VIVO HOMOLOGOUS SEQUENCE TARGETING IN EUKARYOTIC CELLS
; FILE REFERENCE: A-64604-3/AM/JFE
; CURRENT APPLICATION NUMBER: US/10/379,182
; PRIOR FILING DATE: 2003-03-03
; PRIOR APPLICATION NUMBER: US 08/906,379
; PRIOR FILING DATE: 1997-08-05
; PRIOR APPLICATION NUMBER: US 07/873,438
; PRIOR FILING DATE: 1992-04-24
; NUMBER OF SEQ ID NOS: 9
; SOFTWARE: PatentIn version 3.2
```

```
; SEQ ID NO 4
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic construct
US-10-379-182-4
Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 349 CTGAGCGCTGAAACAGCA 367
Db 2 CAGAGTACTGTGAAACAGCA 20

RESULT 1446
US-10-425-447-124
; Sequence 124, Application US/10425447
; Publication No. US2004002331A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Bacon, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertlisen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kijavlin, Jennie P.
; APPLICANT: Mather, James P.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 10466-14
; CURRENT APPLICATION NUMBER: US/10/425,447
; PRIOR FILING DATE: 2003-04-28
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: US 60/143,048
; PRIOR FILING DATE: 1999-07-07
; PRIOR APPLICATION NUMBER: US 60/145,698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: US 60/146,222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: PCT/US99/20594
; PRIOR FILING DATE: 1999-09-08
; PRIOR APPLICATION NUMBER: PCT/US99/20944
; PRIOR FILING DATE: 1999-09-13
; PRIOR APPLICATION NUMBER: PCT/US99/21090
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/21547
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: PCT/US99/23089
; PRIOR FILING DATE: 1999-10-05
; PRIOR APPLICATION NUMBER: PCT/US99/28214
; PRIOR FILING DATE: 1999-11-29
; Remaining Prior Application data removed - See File Wrapper or PALM.
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; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
US-10-425-447-124

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTTCAGTGCTA 2719
Db 1 TTGCCTTACTCAGTGCTA 19

RESULT 1447
US-10-211-179-39
; Sequence 39, Application US/10211179
; Publication No. US20040023906A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOTRYSYL PHOSPHATASE ACTIVATOR EXP
; FILE REFERENCE: PTS-0011
; CURRENT APPLICATION NUMBER: US/10/211.179
; CURRENT FILING DATE: 2002-08-01
; NUMBER OF SEQ ID NOS: 119
; SEQ ID NO 39
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-211-179-39

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2133 TTGACTTCAGAGTGA 2151
Db 2 TCGACTCCAGAGGAAA 20

RESULT 1448
US-10-444-206-33/c
; Sequence 33, Application US/10444206
; Publication No. US20040023917A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, Clarence Frank
; APPLICANT: Vickers, Timothy A.
; TITLE OF INVENTION: Oligonucleotide Compositions and Methods for the
; TITLE OF INVENTION: Modulation of the Expression of B7 Protein
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/444.206
; CURRENT FILING DATE: 2003-05-23
; PRIOR APPLICATION NUMBER: 09/851,871
; PRIOR FILING DATE: 2001-05-09
; PRIOR APPLICATION NUMBER: PCT/US00/14471
; PRIOR FILING DATE: 2000-05-25
; PRIOR APPLICATION NUMBER: 09/326,186
; PRIOR FILING DATE: 1999-06-04
; PRIOR APPLICATION NUMBER: 08/777,266
; PRIOR FILING DATE: 1996-12-31
; NUMBER OF SEQ ID NOS: 444
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 33
; LENGTH: 20
```

```

; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-444-206-33

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1994 GCCTGAGCAGAGACCG 2012
Db 19 GCCCGAGTACAGAACCG 1

RESULT 1449
US-10-312-184A-40/c
; Sequence 40, Application US/10312184A
; Publication No. US20040038236A1
; GENERAL INFORMATION:
; APPLICANT: Biomedics Limited
; APPLICANT: Wallace, Robyn H
; APPLICANT: Muller, John C
; APPLICANT: Berkovic, Samuel F
; APPLICANT: Harkin, Louise A
; APPLICANT: Dibiens, Jeanne M
; TITLE OF INVENTION: MUTATION ASSOCIATED WITH EPILEPSY
; FILE REFERENCE: 1386/10
; CURRENT APPLICATION NUMBER: US/10/312.184A
; CURRENT FILING DATE: 2002-12-20
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-312-184A-40

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 822 GAGGAGAGGACACAGCG 840
Db 20 GAGGAPPAAGCACACAGCTG 2

RESULT 1450
US-10-467-019-35
; Sequence 35, Application US/10467019
; Publication No. US20040048314A1
; GENERAL INFORMATION:
; APPLICANT: Takeda Chemical Industries, Ltd.
; TITLE OF INVENTION: No. US20040048314A1el Physiological Active Peptide and Its Use
; FILE REFERENCE: P01-0295PCT
; CURRENT APPLICATION NUMBER: US/10/467.019
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: JP2001-026820
; PRIOR FILING DATE: 2001-02-02
; NUMBER OF SEQ ID NOS: 71
; SEQ ID NO 35
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: DNA primer, RBV8-WR2 primer
US-10-467-019-35

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1662 TGCCAGCTCCTGACGAGA 1680
```

Db 2 TTCCAGCTCCTGCTTCAGA 20

RESULT 1451
US-10-382-478A-8/c
; Sequence 8, Application US/10382478A
; Publication No. US20040053830A1
; GENERAL INFORMATION:
; APPLICANT: Adam, Paul J
; APPLICANT: Boyd, Robert Simon
; APPLICANT: Fletcher, Graham Charles
; APPLICANT: Stamps, Alasdair Craig
; APPLICANT: Terrett, Jonathan Alexander
; APPLICANT: Tyson, Kerry Louise
; TITLE OF INVENTION: BCP84 Protein, Compositions, Diagnostic and Therapeutic Uses The
; FILE REFERENCE: 2543-1-004N CIP
; CURRENT APPLICATION NUMBER: US/10/382,478A
; PRIOR FILING DATE: 2003-03-06
; PRIOR APPLICATION NUMBER: US 09/791,392
; PRIOR FILING DATE: 2001-02-23
; PRIOR APPLICATION NUMBER: GB 0205268.6
; PRIOR FILING DATE: 2002-03-06
; PRIOR APPLICATION NUMBER: GB 0004576.5
; PRIOR FILING DATE: 2000-02-25
; PRIOR APPLICATION NUMBER: GB 0031341.1
; PRIOR FILING DATE: 2000-12-21
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-382-478A-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 3492 GACCTGGGAGAACGAG 3510
Db 20 GACCTGGGAGAACGAGCTG 2

RESULT 1452
US-10-380-124-64/c
; Sequence 64, Application US/10380124
; Publication No. US20040053874A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF CLUSTERIN EXPRESSION
; FILE REFERENCE: RFS-0156
; CURRENT APPLICATION NUMBER: US/10/380,124
; CURRENT FILING DATE: 2003-03-10
; NUMBER OF SEQ ID NOS: 90
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-380-124-64

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
OY 746 GCTGACGAGCTTCAG 764
||||| ||||| |||||

Db 20 GCTGAGACGCTGACGAG 2

RESULT 1453
US-10-312-045-8/c
; Sequence 8, Application US/10312045
; Publication No. US20040054139A1
; GENERAL INFORMATION:
; APPLICANT: Mark PAGE
; APPLICANT: Jing-Li Li
; APPLICANT: Paul PUMPHS
; APPLICANT: Galina BORISOVA
; TITLE OF INVENTION: MODIFICATION OF HEPATITIS B CORE ANTIGEN
; FILE REFERENCE: 117-432 / N78451B
; CURRENT APPLICATION NUMBER: US/10/312,045
; CURRENT FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: PCT/GB01/02817
; PRIOR FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: GB 0024544.9
; PRIOR FILING DATE: 2000-10-06
; PRIOR APPLICATION NUMBER: GB 0015308.0
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 8
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-312-045-8

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 4751 ATGGCTAGCTGAGCAG 4769
Db 19 ATGGCTAGCTGAGTGCAG 1

RESULT 1454
US-10-246-583-81/c
; Sequence 81, Application US/10246583
; Publication No. US20040058862A1
; GENERAL INFORMATION:
; APPLICANT: Majumder
; TITLE OF INVENTION: NOVEL POLYPEPTIDES AND NUCLEIC ACIDS ENCODING SAME
; FILE REFERENCE: 15966-729CIP2CON1
; CURRENT APPLICATION NUMBER: US/10/246,583
; CURRENT FILING DATE: 2002-12-06
; PRIOR APPLICATION NUMBER: 10/174,364
; PRIOR FILING DATE: 2002-06-17
; PRIOR APPLICATION NUMBER: 60/190,835
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: 60/190,768
; PRIOR FILING DATE: 2000-03-20
; PRIOR APPLICATION NUMBER: 60/190,972
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/191,199
; PRIOR FILING DATE: 2000-03-22
; PRIOR APPLICATION NUMBER: 60/191,947
; PRIOR FILING DATE: 2000-03-24
; PRIOR APPLICATION NUMBER: 60/192,665
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,657
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,984
; PRIOR FILING DATE: 2000-03-28
; PRIOR APPLICATION NUMBER: 60/192,664
; PRIOR FILING DATE: 2000-03-28
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 128

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; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 81
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:chemically
US-10-246-583-81

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2620 TCCTTGGCCACATTGAGCC 2638
        |||||
Db       19 TCCTTGGCCACACTTGGGC 1

RESULT 1455
US-10-655-847-64/C
; Sequence 64, Application US/10655847
; Publication No. US20040063129A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freiler
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/655,847
; PRIOR FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: US/10/160,807
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 64
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-655-847-64

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1664 CCAGCTCTGCGACGATG 1682
        |||||
Db       20 CAAGCTGCTGCAGAGATG 2

RESULT 1456
US-10-655-847-212
; Sequence 212, Application US/10655847
; Publication No. US20040063129A1
; GENERAL INFORMATION:
; APPLICANT: William Gaarde
; APPLICANT: Susan M. Freiler
; APPLICANT: Andrew T. Walt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PPAR-DELTA EXPRESSION
; FILE REFERENCE: RTS-0189
; CURRENT APPLICATION NUMBER: US/10/655,847
; PRIOR FILING DATE: 2003-09-05
; PRIOR APPLICATION NUMBER: US/10/160,807
; NUMBER OF SEQ ID NOS: 296
; SEQ ID NO 212
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-655-847-212
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1664 CCAGCTCTGCGACGATG 1682
        |||||
Db       1 CAAGCTGCTGCAGAGATG 19

RESULT 1457
US-10-432-412-29
; Sequence 29, Application US/10432412
; Publication No. US20040071731A1
; GENERAL INFORMATION:
; APPLICANT: Fitzgerald, David J.
; APPLICANT: The Government of the United States of America
; APPLICANT: as represented by The Secretary of the
; APPLICANT: Department of Health and Human Services
; TITLE OF INVENTION: A Chimeric Protein Comprising Non-Toxic Pseudomonas
; FILE REFERENCE: Exotoxin A and Type IV pilin Sequences
; CURRENT APPLICATION NUMBER: US/10/432,412
; PRIOR FILING DATE: 2003-05-21
; PRIOR APPLICATION NUMBER: US 60/257,877
; PRIOR FILING DATE: 2000-12-21
; PRIOR APPLICATION NUMBER: WO PCT/US01/49143
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:PCR primer
US-10-432-412-29

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1725 ATCTCATCGGACCTCTGA 1743
        |||||
Db       1 ATCTCATCGGACCTCTGA 19

RESULT 1458
US-10-643-130-20/C
; Sequence 20, Application US/10643130
; Publication No. US20040072786A1
; GENERAL INFORMATION:
; APPLICANT: Monla, B.P., Cowseert, L.M. and Manoharan, M.
; TITLE OF INVENTION: Antisense Oligonucleotide Inhibition of ras
; NUMBER OF SEQUENCES: 55
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Jane Massey Licata
; STREET: 66 East Main Street
; CITY: Marlton
; STATE: NJ
; COUNTRY: USA
; ZIP: 08053
; COMPUTER READABLE FORM:
; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 Mb STORAGE
; COMPUTER: IBM COMPATIBLE
; OPERATING SYSTEM: WINDOWS 95
; SOFTWARE: WORDPERFECT 6.1 for WINDOWS
; CURRENT APPLICATION DATA: US/10/643,130
; APPLICATION NUMBER: US/10/643,130
; FILING DATE: 18-Aug-2003
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/575,554
```

FILING DATE: 22-May-2000
APPLICATION NUMBER: 09/128,494
FILING DATE: August 3, 1998
APPLICATION NUMBER: 08/411,734
FILING DATE: April 3, 1995
APPLICATION NUMBER: PCT/US93/09346
FILING DATE: October 1, 1993
APPLICATION NUMBER: 07/958,134
FILING DATE: October 5, 1992
APPLICATION NUMBER: 08/007,996
FILING DATE: January 21, 1993
ATTORNEY/AGENT INFORMATION:
NAME: Jane Massey Licata
REGISTRATION NUMBER: 32,257
REFERENCE/DOCKET NUMBER: ISPH-0463
TELECOMMUNICATION INFORMATION:
TELEPHONE: (856) 810-1515
TELEFAX: (856) 810-1454
INFORMATION FOR SEQ ID NO: 20:
SEQUENCE CHARACTERISTICS:
LENGTH: 20
TYPE: Nucleic Acid
STRANDEDNESS: Single
TOPOLOGY: Linear
ANTI-SENSE: Yes
SEQUENCE DESCRIPTION: SEQ ID NO: 20
US-10-643-130-20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 217 GCCCGCGGCGCGGCGGCGAG 235
DB 19 GCCCGCGGCGCGGCGGCGAG 1

RESULT 1459
US-10-418-251-1
Sequence 1, Application US/10418251
Publication No. US20040073957A1
GENERAL INFORMATION:
APPLICANT: TOMIZUKA, KAZUMA
APPLICANT: YOSHIDA, HITOSHI
APPLICANT: HANAOKA, KAZUNORI
APPLICANT: OSHIMURA, MITSUO
APPLICANT: ISHIDA, ISAO
TITLE OF INVENTION: CHIMERIC ANIMAL AND METHOD FOR PRODUCING THE SAME
FILE REFERENCE: 081356/0114
CURRENT APPLICATION NUMBER: US/10/418,251
PRIORITY FILING DATE: 2003-04-18
PRIOR APPLICATION NUMBER: US/09/033,936
PRIOR FILING DATE: 1998-03-02
PRIOR APPLICATION NUMBER: PCT/JP96/02427
PRIOR FILING DATE: 1996-08-29
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 1
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: Artificial Sequence
OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-418-251-1

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1740 TGAACATGGGTAAAGCCG 1758
DB 1 TGAAGGTGATTAAGCCG 19

RESULT 1460
US-10-363-828-61/c
Sequence 61, Application US/10363828
Publication No. US20040076973A1
GENERAL INFORMATION:
APPLICANT: Isis Pharmaceuticals, Inc.
APPLICANT: Brett P. Monia
APPLICANT: Lex M. Cowart
TITLE OF INVENTION: ANTISENSE MODULATION OF UBIQUITIN PROTEIN LIGASE EXPRESSION
FILE REFERENCE: RSP-0164
CURRENT APPLICATION NUMBER: US/10/363,828
PRIORITY FILING DATE: 2003-03-06
PRIOR APPLICATION NUMBER: 09/657,481
PRIOR FILING DATE: 2000-09-07
NUMBER OF SEQ ID NOS: 93
SEQ ID NO 61
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE: Artificial Sequence
OTHER INFORMATION: Antisense Oligonucleotide
US-10-363-828-61

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1656 GCGTTCGCGCAGCTCTGCG 1674
DB 19 GCGATCGCGCAGCTCTAGC 1

RESULT 1461
US-10-619-284A-52/c
Sequence 52, Application US/10619284A
Publication No. US20040077099A1
GENERAL INFORMATION:
APPLICANT: Argonne National Laboratory
APPLICANT: Yershov, Gennadiy
APPLICANT: Alfeyev, Oleg
APPLICANT: Kukhtin, Alexander
TITLE OF INVENTION: BLOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY
FILE REFERENCE: ANL-IN-01-052
CURRENT APPLICATION NUMBER: US/10/619,284A
PRIORITY FILING DATE: 2003-07-14
PRIOR APPLICATION NUMBER: US 10/139842
PRIOR FILING DATE: 2002-05-06
NUMBER OF SEQ ID NOS: 74
SOFTWARE: PatentIn Version 3.2
SEQ ID NO 52
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial
FEATURE: Completely Synthesized
OTHER INFORMATION: Completely Synthesized
US-10-619-284A-52

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCACCATTCTATC 1733
DB 19 CATCATCATCATCATCATC 1

RESULT 1462
US-10-619-284A-74/c
Sequence 74, Application US/10619284A
Publication No. US20040077099A1
GENERAL INFORMATION:

```
; APPLICANT: Argonne National Laboratory
; APPLICANT: Yerehov, Genadiy
; APPLICANT: Alferov, Oleg
; APPLICANT: Kuhnlin, Alexander
; TITLE OF INVENTION: BIOCHIP READER WITH ENHANCED ILLUMINATION AND BIOARRAY
; FILE REFERENCE: ANL-IN-01-052
; CURRENT APPLICATION NUMBER: US/10/619,284A
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: US 10/139842
; PRIOR FILING DATE: 2002-05-06
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial
; FEATURE:
; OTHER INFORMATION: Completely Synthesized
US-10-619-284A-74

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1715 CATGATCAGCATCTTCATC 1733
DB 19 CATCATCATCATCATCATC 1

RESULT 1463
US-10-280-183A-455
; Sequence 455, Application US/10280183A
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Xia
; APPLICANT: L1, Shanru
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 455
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-455

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4080 AGCCCTCAGTGTGAGTGTGCA 4098
DB 2 AGCACTCAGTGTGAGTGTGCA 20

RESULT 1464
US-10-280-183A-457
; Sequence 457, Application US/10280183A
```

```
; Publication No. US20040081964A1
; GENERAL INFORMATION:
; APPLICANT: Pfizer Inc.
; APPLICANT: Bachmanov, Alexander A
; APPLICANT: Beauchamp, Gary K.
; APPLICANT: Chatterjee, Anubindo
; APPLICANT: De Jong, Pieter J.
; APPLICANT: Li, Shanru
; APPLICANT: Li, Xia
; APPLICANT: Ohmen, Jeffrey D
; APPLICANT: Reed, Danielle R.
; APPLICANT: Ross, David
; APPLICANT: Tordoff, Michael G.
; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
; FILE REFERENCE: PC18306A
; CURRENT APPLICATION NUMBER: US/10/280,183A
; CURRENT FILING DATE: 2002-10-25
; PRIOR APPLICATION NUMBER: 60/200,794
; PRIOR FILING DATE: 2000-04-28
; NUMBER OF SEQ ID NOS: 652
; SOFTWARE: PatentIn Ver. 3.1
; SEQ ID NO 457
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Mouse
US-10-280-183A-457

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4080 AGCCCTCAGTGTGAGTGTGCA 4098
DB 2 AGCACTCAGTGTGAGTGTGCA 20

RESULT 1465
US-10-643-432-22/C
; Sequence 22, Application US/10643432
; Publication No. US20040087536A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF KIX 1 EXPRESSION
; FILE REFERENCE: RTS-0359
; CURRENT APPLICATION NUMBER: US/10/643,432
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: US/10/173,817
; PRIOR FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 131
; SEQ ID NO 22
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-643-432-22

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2628 ACATTGTGAGCGAGAGTCA 2646
DB 19 ACATTGTGAGCGAGAGTCA 1

RESULT 1466
US-10-643-432-93
; Sequence 93, Application US/10643432
; Publication No. US20040087536A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Kenneth W. Dobie
; FEATURE: Susan M. Freier
; TITLE OF INVENTION: ANTISENSE MODULATION OF KOX 1 EXPRESSION
; FILE REFERENCE: RTS-0359
; CURRENT APPLICATION NUMBER: US/10/643,432
; CURRENT FILING DATE: 2003-08-19
; PRIOR APPLICATION NUMBER: US/10/173,817
; PRIOR FILING DATE: 2002-06-17
; NUMBER OF SEQ ID NOS: 131
; SEQ ID NO 93
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-643-432-93

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2628 ACATTGAGCGAGAGTCA 2646
Db      2 ACATTGAGCGAGAGTCA 20
|||||
|||||

RESULT 1467
US-10-621-758A-20/c
; Sequence 20, Application US/10621758A
; Publication No. US20040093623A1
; GENERAL INFORMATION:
; APPLICANT: Altman, Scott W
; APPLICANT: Wang, Luquan
; APPLICANT: Graziano, Michael
; APPLICANT: Murgolo, Nick
; TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
; FILE REFERENCE: JB01603-K-US
; CURRENT APPLICATION NUMBER: US/10/621,758A
; CURRENT FILING DATE: 2003-07-17
; PRIOR APPLICATION NUMBER: 60/397,442
; PRIOR FILING DATE: 2002-07-19
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-621-758A-20

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3698 CAAGCCGAGAGGCTGAT 3716
Db      19 CAAGCCGAGATGAGAT 1
|||||
|||||

RESULT 1468
US-10-298-123-45/c
; Sequence 45, Application US/10298123
; Publication No. US20040096830A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 45
; LENGTH: 20
; TYPE: DNA
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```
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-123-45

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4887 CCTGTGCGCTCTCGAGCT 4905
Db      19 CCTGTGCGCTCTCGAGCT 1
|||||
|||||

RESULT 1469
US-10-298-123-74
; Sequence 74, Application US/10298123
; Publication No. US20040096830A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PROTEIN KINASE D2 EXPRESSION
; FILE REFERENCE: HTS-0050
; CURRENT APPLICATION NUMBER: US/10/298,123
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 74
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-298-123-74

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4887 CCTGTGCGCTCTCGAGCT 4905
Db      2 CCTGTGCGCTCTCGAGCT 20
|||||
|||||

RESULT 1470
US-10-298-954-40
; Sequence 40, Application US/10298954
; Publication No. US20040096830A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF FBP-INTERACTING REPRESSOR EXPRESSION
; FILE REFERENCE: HTS-0028
; CURRENT APPLICATION NUMBER: US/10/298,954
; CURRENT FILING DATE: 2002-11-16
; NUMBER OF SEQ ID NOS: 73
; SEQ ID NO 40
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-298-954-40

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4810 GGAATCAGCTCTCTATCT 4828
Db      2 GGAATCAGCTCTCTTCT 20
|||||
|||||

RESULT 1471
US-10-300-399-17
; Sequence 17, Application US/10300399
```

```
; Publication No. US20040097450A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF TDP-1 EXPRESSION
; FILE REFERENCE: RTS-0173
; CURRENT APPLICATION NUMBER: US/10/300,399
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 17
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-399-17

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2702 TGAAGTTTCTCAGGTGCTAT 2720
Db      2 TGAATTTTCACAGGTGATAT 20

RESULT 1472
US-10-300-399-34/c
; Sequence 34, Application US/10300399
; Publication No. US20040097450A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF TDP-1 EXPRESSION
; FILE REFERENCE: RTS-0173
; CURRENT APPLICATION NUMBER: US/10/300,399
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 34
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-399-34

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1166 GCTCTATGAGAGTCATC 1184
Db      19 GCTCTATGAGAGGCTCT 1

RESULT 1473
US-10-300-399-95/c
; Sequence 95, Application US/10300399
; Publication No. US20040097450A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: MODULATION OF TDP-1 EXPRESSION
; FILE REFERENCE: RTS-0173
; CURRENT APPLICATION NUMBER: US/10/300,399
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 158
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-399-95

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2702 TGAAGTTTCTCAGGTGCTAT 2720
Db      19 TGAATTTTCACAGGTGATAT 1

RESULT 1474
US-10-300-611-14/c
; Sequence 14, Application US/10300611
; Publication No. US20040097451A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF NIDOGEN EXPRESSION
; FILE REFERENCE: PTS-0059
; CURRENT APPLICATION NUMBER: US/10/300,611
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 136
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-611-14

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2996 GCAGCTGCCCATCTACAGC 3014
Db      19 GCACCTGACCATCGACACG 1

RESULT 1475
US-10-300-611-86
; Sequence 86, Application US/10300611
; Publication No. US20040097451A1
; GENERAL INFORMATION:
; APPLICANT: Ming-Yi Chiang
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF NIDOGEN EXPRESSION
; FILE REFERENCE: PTS-0059
; CURRENT APPLICATION NUMBER: US/10/300,611
; CURRENT FILING DATE: 2002-11-19
; NUMBER OF SEQ ID NOS: 136
; SEQ ID NO 86
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-611-86

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2996 GCAGCTGCCCATCTACAGC 3014
Db      2 GCACCTGACCATCGACACG 20

RESULT 1476
US-10-300-820-70
; Sequence 70, Application US/10300820
; Publication No. US20040097452A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Doble
; APPLICANT: Kenneth W. Doble
; TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION
; FILE REFERENCE: RTS-0444
; CURRENT APPLICATION NUMBER: US/10/300,820
```


CURRENT FILING DATE: 2002-11-19
NUMBER OF SEQ ID NOS: 162
SEQ ID NO 70
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-300-820-70

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 811 CTGTGCGCTGTGAGGAGA 829
DB 1 CTGTGCGCTGTGAGGAGA 19

RESULT 1477
US-10-300-820-145/C

Sequence 145, Application US/10300820
Publication No. US20040097452A1
GENERAL INFORMATION:

APPLICANT: Kenneth W. Dobie
TITLE OF INVENTION: MODULATION OF KALLIKREIN 6 EXPRESSION

FILE REFERENCE: RTS-0444

CURRENT APPLICATION NUMBER: US/10/300,820

CURRENT FILING DATE: 2002-11-19

NUMBER OF SEQ ID NOS: 162

SEQ ID NO 145

LENGTH: 20

TYPE: DNA

ORGANISM: H. sapiens

FEATURE:

US-10-300-820-145

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 811 CTGTGCGCTGTGAGGAGA 829
DB 20 CTGTGCGCTGTGAGGAGA 2

RESULT 1478
US-10-303-329-45

Sequence 45, Application US/10303329
Publication No. US20040101850A1
GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Nicholas M. Dean

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: MODULATION OF C-SRC TYROSINE KINASE EXPRESSION

FILE REFERENCE: HTS-0005

CURRENT APPLICATION NUMBER: US/10/303,329

CURRENT FILING DATE: 2002-11-21

NUMBER OF SEQ ID NOS: 70

SEQ ID NO 45

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-303-329-45

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4918 CCAGCCACAGTTAGCCAA 4936
DB 1 CCAGCCACAGTTAGCCAA 19

DB 2 CGAGTCACAGTAAAGCCAA 20

RESULT 1479
US-10-362-504-67

Sequence 67, Application US/10362504
Publication No. US20040101956A1
GENERAL INFORMATION:

APPLICANT: Takeda Chemical Industries, Ltd.
TITLE OF INVENTION: Novel G Protein Coupled Receptor Protein and Its Use

FILE REFERENCE: 2775 USOP

CURRENT APPLICATION NUMBER: US/10/362,504

CURRENT FILING DATE: 2003-02-21

PRIOR APPLICATION NUMBER: PCT/JP01/07209

PRIOR FILING DATE: 2001-08-23

PRIOR APPLICATION NUMBER: JP 2000-253862

PRIOR FILING DATE: 2000-08-24

NUMBER OF SEQ ID NOS: 72

SEQ ID NO 67

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: primer

US-10-362-504-67

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1662 TGCAGCTCCTGCAGCAGA 1680
DB 2 TGCAGCTCCTGCAGCAGA 20

RESULT 1480
US-10-302-028-26/C

Sequence 26, Application US/10302028
Publication No. US20040102392A1
GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Nicholas M. Dean

APPLICANT: Kenneth W. Dobie

TITLE OF INVENTION: MODULATION OF ADAM15 EXPRESSION

FILE REFERENCE: HTS-0060

CURRENT APPLICATION NUMBER: US/10/302,028

CURRENT FILING DATE: 2002-11-21

NUMBER OF SEQ ID NOS: 82

SEQ ID NO 26

LENGTH: 20

TYPE: DNA

ORGANISM: Artificial Sequence

FEATURE:

OTHER INFORMATION: Antisense Oligonucleotide

US-10-302-028-26

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 105 TCTCTGAGCTTCCAGAG 123
DB 20 TCTCTGAGCTTCCAGAG 2

RESULT 1481
US-10-302-028-61

Sequence 61, Application US/10302028
Publication No. US20040102392A1
GENERAL INFORMATION:

APPLICANT: C. Frank Bennett

APPLICANT: Nicholas M. Dean

APPLICANT: Kenneth W. Dobie

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; TITLE OF INVENTION: MODULATION OF ADAM15 EXPRESSION
; FILE REFERENCE: HTS-0060
; CURRENT APPLICATION NUMBER: US/10/302.028
; NUMBER OF SEQ ID NOS: 82
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-302-028-61

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      105 TCTCTGACGCTCTCCAGAG 123
DB      1 TCTCTGACTTCTCAGAG 19

RESULT 1482
US-10-304-125-24/c
; Sequence 24, Application US/10304125
; Publication No. US20040102405A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SQUALENE SYNTHASE EXPRESSION
; FILE REFERENCE: PTS-0056
; CURRENT APPLICATION NUMBER: US/10/304.125
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 24
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-125-24

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3606 CCCAGAGGAGCCAGGAT 3624
DB      19 CCCAGATGAGACCGAGACT 1

RESULT 1483
US-10-304-125-95
; Sequence 95, Application US/10304125
; Publication No. US20040102405A1
; GENERAL INFORMATION:
; APPLICANT: Susan M. Freiler
; APPLICANT: C. Frank Bennett
; APPLICANT: Nicholas M. Dean
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF SQUALENE SYNTHASE EXPRESSION
; FILE REFERENCE: PTS-0056
; CURRENT APPLICATION NUMBER: US/10/304.125
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 145
; SEQ ID NO 95
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
US-10-304-125-95
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Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3606 CCCAGAGGAGCCAGGAT 3624
DB      2 CCCAGATGAGACCGAGACT 20

RESULT 1484
US-10-688-706-922
; Sequence 922, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Brotschac, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688.706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 922
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-922

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      423 CAGTTGACGTGAGGGGC 441
DB      2 CAGATTGAACTGAGGGTC 20

RESULT 1485
US-10-688-706-1679
; Sequence 1679, Application US/10688706
; Publication No. US20040102412A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Brotschac, Kay
; TITLE OF INVENTION: ANTISENSE MODULATION OF GFAT EXPRESSION
; FILE REFERENCE: 01393/1
; CURRENT APPLICATION NUMBER: US/10/688.706
; CURRENT FILING DATE: 2003-10-17
; PRIOR APPLICATION NUMBER: 60/419,268
; PRIOR FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 3071
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 1679
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human GFAT antisense
US-10-688-706-1679

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      424 AGTTGACGTGAGGGGCC 442
DB      1 AGATTGAATGAGGGGTC 19
```

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RESULT 1486
US-10-304-019-19
; Sequence 19, Application US/10304019
; Publication No. US20040102622A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF HEPATOCYTE GROWTH FACTOR RECEPTOR EXPRESSION
; FILE REFERENCE: PRTS-0043
; CURRENT APPLICATION NUMBER: US/10/304,019
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 19
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-019-19

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1524 TACAGCCACAGAAATCC 1542
Db      1 TTGAGCCACAGAAATACC 19

RESULT 1487
US-10-304-019-90/c
; Sequence 90, Application US/10304019
; Publication No. US20040102622A1
; GENERAL INFORMATION:
; APPLICANT: Nicholas M. Dean
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF HEPATOCYTE GROWTH FACTOR RECEPTOR EXPRESSION
; FILE REFERENCE: PRTS-0043
; CURRENT APPLICATION NUMBER: US/10/304,019
; CURRENT FILING DATE: 2002-11-23
; NUMBER OF SEQ ID NOS: 147
; SEQ ID NO 90
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-304-019-90

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1524 TACAGCCACAGAAATCC 1542
Db      20 TTGAGCCACAGAAATACC 2

RESULT 1488
US-10-315-765-16/c
; Sequence 16, Application US/10315765
; Publication No. US20040110140A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PRTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 16
```

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LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-765-16

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1588 TGGTGAACAGAGAAAGCA 1606
Db      19 TGATGGAACAGAGAAAGCA 1

RESULT 1489
US-10-315-765-85
; Sequence 85, Application US/10315765
; Publication No. US20040110140A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PRTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-765-85

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1588 TGGTGAACAGAGAAAGCA 1606
Db      2 TGATGGAACAGAGAAAGCA 20

RESULT 1490
US-10-316-243-29
; Sequence 29, Application US/10316243
; Publication No. US20040110147A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Ravi Jain
; TITLE OF INVENTION: MODULATION OF BAF3 EXPRESSION
; FILE REFERENCE: RTS-0462
; CURRENT APPLICATION NUMBER: US/10/316,243
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 29
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-243-29

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      270 CTCCTCTCTTCTCTCTC 288
Db      2 CTCGTGAGTTCTCTCTC 20
```

```
RESULT 1491
US-10-316-243-50/c
; Sequence 50, Application US/10316243
; Publication No. US20040110147A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION
; FILE REFERENCE: RTS-0462
; CURRENT APPLICATION NUMBER: US/10/316,243
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 50
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-243-50

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1480 AACTGATCATTAGAAGTC 1498
Db      19 AACTGTCATTATGAATTC 1

RESULT 1492
US-10-316-243-107/c
; Sequence 107, Application US/10316243
; Publication No. US20040110147A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION
; FILE REFERENCE: RTS-0462
; CURRENT APPLICATION NUMBER: US/10/316,243
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 107
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-243-107

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      270 CTCTCTCTCTTCTCTCTC 288
Db      19 CTCTGTCAGTTTCTCTCTC 1

RESULT 1493
US-10-316-243-128
; Sequence 128, Application US/10316243
; Publication No. US20040110147A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF BAF53 EXPRESSION
; FILE REFERENCE: RTS-0462
; CURRENT APPLICATION NUMBER: US/10/316,243
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
```

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; ORGANISM: H. sapiens
; FEATURE:
US-10-316-243-128

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1480 AACTGATCATTAGAAGTC 1498
Db      2 AACTGTCATTATGAATTC 20

RESULT 1494
US-10-316-244-96/c
; Sequence 96, Application US/10316244
; Publication No. US20040110148A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF ORNITHINE DECARBOXYLASE 1 EXPRESSION
; FILE REFERENCE: HTS-0096
; CURRENT APPLICATION NUMBER: US/10/316,244
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 219
; SEQ ID NO 96
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-244-96

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1342 AGGTCAAGGCGCTGTGCA 1360
Db      19 ATGTGAAGGCCCTGTGTGCA 1

RESULT 1495
US-10-316-244-194
; Sequence 194, Application US/10316244
; Publication No. US20040110148A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; TITLE OF INVENTION: MODULATION OF ORNITHINE DECARBOXYLASE 1 EXPRESSION
; FILE REFERENCE: HTS-0096
; CURRENT APPLICATION NUMBER: US/10/316,244
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 219
; SEQ ID NO 194
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-244-194

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1342 AGGTCAAGGCGCTGTGCA 1360
Db      2 ATGTGAAGGCCCTGTGTGCA 20

RESULT 1496
US-10-316-516-23/c
; Sequence 23, Application US/10316516
```

```
; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-516-23

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1721 CACCATCTTCATCGGACC 1739
Db      20 CATCATCTTCATCGTCATC 2

RESULT 1497
US-10-316-516-72
; Sequence 72, Application US/10316516
; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 72
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-516-72

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5039 TTCGAGGCTTGTGAATAG 5057
Db      2 TTCGAGGTTTCAGAAATAG 20

RESULT 1498
US-10-316-516-126/c
; Sequence 126, Application US/10316516
; Publication No. US20040110150A1
; GENERAL INFORMATION:
; APPLICANT: Erich Koller
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF EPHRIN-B2 EXPRESSION
; FILE REFERENCE: PTS-0057
; CURRENT APPLICATION NUMBER: US/10/316,516
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 134
; SEQ ID NO 126
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-316-516-126
```

```
Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5039 TTCGAGGCTTGTGAATAG 5057
Db      19 TTCGAGGTTTCAGAAATAG 1

RESULT 1499
US-10-316-667-27/c
; Sequence 27, Application US/10316667
; Publication No. US20040110700A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: MODULATION OF CDLD EXPRESSION
; FILE REFERENCE: PTS-0349
; CURRENT APPLICATION NUMBER: US/10/316,667
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 69
; SEQ ID NO 27
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-667-27

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4612 CAGTGCCTCCTGGAGTGA 4630
Db      19 CAGTGCCTCCTGGAGTGA 1

RESULT 1500
US-10-316-667-55
; Sequence 55, Application US/10316667
; Publication No. US20040110700A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: MODULATION OF CDLD EXPRESSION
; FILE REFERENCE: PTS-0349
; CURRENT APPLICATION NUMBER: US/10/316,667
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 69
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-316-667-55

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4612 CAGTGCCTCCTGGAGTGA 4630
Db      2 CAGTGCCTCCTGGAGTGA 20

RESULT 1501
US-10-317-803-125/c
; Sequence 125, Application US/10317803
; Publication No. US20040115640A1
; GENERAL INFORMATION:
; APPLICANT: Kathleen Myers
```

```
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ANGIOPOIETIN-2 EXPRESSION
; FILE REFERENCE: RTS-0434
; CURRENT APPLICATION NUMBER: US/10/317,803
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 244
; SEQ ID NO 125
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-803-125

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2680 CTGTTGACGCGCAAGACA 2698
Db      20 CTGTTGACGCGCGCTCA 2

RESULT 1502
US-10-319-893-69
; Sequence 69, Application US/10319893
; Publication No. US20040115649A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABCS EXPRESSION
; FILE REFERENCE: RTS-0419
; CURRENT APPLICATION NUMBER: US/10/319,893
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 69
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-893-69

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4060 GCAGACTGCCATGACGTG 4078
Db      2 GCATGACTGCCATGAGAG 20

RESULT 1503
US-10-319-893-144/C
; Sequence 144, Application US/10319893
; Publication No. US20040115649A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF ABCS EXPRESSION
; FILE REFERENCE: RTS-0419
; CURRENT APPLICATION NUMBER: US/10/319,893
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 157
; SEQ ID NO 144
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-319-893-144

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4060 GCAGACTGCCATGACGTG 4078
Db      19 GCATGACTGCCATGAGAG 1

RESULT 1504
US-10-319-914-55
; Sequence 55, Application US/10319914
; Publication No. US20040115652A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: MODULATION OF TEK EXPRESSION
; FILE REFERENCE: RTS-0448
; CURRENT APPLICATION NUMBER: US/10/319,914
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 55
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-914-55

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4656 GAAGACTGCGTACGCTTG 4674
Db      1 GAAGAGCTGCGTTCCTTG 19

RESULT 1505
US-10-319-914-133/C
; Sequence 133, Application US/10319914
; Publication No. US20040115652A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowser
; TITLE OF INVENTION: MODULATION OF TEK EXPRESSION
; FILE REFERENCE: RTS-0448
; CURRENT APPLICATION NUMBER: US/10/319,914
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 166
; SEQ ID NO 133
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-319-914-133

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4656 GAAGACTGCGTACGCTTG 4674
Db      20 GAAGAGCTGCGTTCCTTG 2

RESULT 1506
US-10-319-915-23
; Sequence 23, Application US/10319915
; Publication No. US20040115653A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCE: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
```

```
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-915-23
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      3461 CCCCTCCAGACAGAG 3479
Db      2  CCTTCCAGAGAACGAG 20
```

```
RESULT 1507
US-10-319-915-160
; Sequence 160, Application US/10319915
; Publication No. US20040115653A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF ENDOTHELIAL LIPASE EXPRESSION
; FILE REFERENCE: RTS-0447
; CURRENT APPLICATION NUMBER: US/10/319,915
; CURRENT FILING DATE: 2002-12-12
; NUMBER OF SEQ ID NOS: 279
; SEQ ID NO 160
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-319-915-160
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      131 TTCACCCAGGGGACTTC 149
Db      2  TTCACACAGGGGCACTTC 20
```

```
RESULT 1508
US-10-316-515-36/c
; Sequence 36, Application US/10316515
; Publication No. US20040116365A1
; GENERAL INFORMATION:
; APPLICANT: Alexander H. Borchers
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: MODULATION OF LCK EXPRESSION
; FILE REFERENCE: RTS-0344
; CURRENT APPLICATION NUMBER: US/10/316,515
; CURRENT FILING DATE: 2002-12-10
; NUMBER OF SEQ ID NOS: 76
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-316-515-36
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      4997 CGTCTCTCCAGCTGCT 5015
Db      20  CTTTCTCTCCAGCTGACT 2
```

```
RESULT 1509
US-10-467-008-23
; Sequence 23, Application US/10467008
; Publication No. US20040116366A1
; GENERAL INFORMATION:
; APPLICANT: Isis Pharmaceuticals, Inc.
; APPLICANT: Brett P. Monia
; APPLICANT: Jacqueline Myatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF PROTEIN PHOSPHATASE 2 CATALYTIC SUBUNIT
; FILE REFERENCE: ISPH-0746
; CURRENT APPLICATION NUMBER: US/10/467,008
; CURRENT FILING DATE: 2003-08-01
; PRIOR APPLICATION NUMBER: PCT/US02/02805
; PRIOR FILING DATE: 2002-01-31
; PRIOR APPLICATION NUMBER: US 09/780,045
; PRIOR FILING DATE: 2001-02-09
; NUMBER OF SEQ ID NOS: 135
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-467-008-23
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      494 GAGAGGCCCGCCGCCACC 512
Db      2  GAGGAGACCCCGCCGCCCC 20
```

```
RESULT 1510
US-10-633-008-16
; Sequence 16, Application US/10633008
; Publication No. US20040120957A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi J.
; APPLICANT: Fong, Sherman
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin U.
; APPLICANT: Napier, Mary A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Van Lookren, Menno
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: USE OF A33 ANTIGENS AND JAM-IT
; FILE REFERENCE: 39766/0100P1
; CURRENT APPLICATION NUMBER: US/10/633,008
; CURRENT FILING DATE: 2003-07-31
; PRIOR APPLICATION NUMBER: US/10/265,542
; PRIOR FILING DATE: 2002-10-03
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/14042
; PRIOR FILING DATE: 2000-05-22
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US/09/254,465
; PRIOR FILING DATE: 1999-03-05
; PRIOR APPLICATION NUMBER: PCT/US99/05028
; PRIOR FILING DATE: 1999-03-08
; NUMBER OF SEQ ID NOS: 36
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 16
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
```

US-10-633-008-16

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2701 TTGAGTTTCAGGTGCTA 2719
DB 1 TTCCCTTACTCAGGTGCTA 19

RESULT 1511

US-10-318-389-56
Sequence 56, Application US/10318389
Publication No. US20040121328A1
GENERAL INFORMATION:
APPLICANT: C. Frank Bennett
APPLICANT: Kenneth W. Doble
TITLE OF INVENTION: MODULATION OF PHOSPHODIESTERASE 8A EXPRESSION
FILE REFERENCE: PRTS-0062
CURRENT APPLICATION NUMBER: US/10/318,389
CURRENT FILING DATE: 2002-12-11
NUMBER OF SEQ ID NOS: 134
SEQ ID NO 56
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-318-389-56

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 158 CTGACACTTCATTGTAC 176
DB 2 CTGGAACCTCAGTTCAC 20

RESULT 1512

US-10-763-992-19
Sequence 19, Application US/10763992
Publication No. US20040121397A1
GENERAL INFORMATION:
APPLICANT: COHEN, Maurice
FRIEDMAN, Paula N.
GORDON, Julian
HODGES, Steven C.
KLASS, Michael R.
KRATOCHVIL, Jon D.
ROBERTS-RAPP, Lisa
RUSSELL, John C.
STROUPE, Steven D.
TITLE OF INVENTION: REAGENTS AND METHODS USEFUL
FOR DETECTING DISEASES OF THE PROSTATE
NUMBER OF SEQUENCES: 35
CORRESPONDENCE ADDRESS:
ADDRESSEE: Abbott Laboratories
STREET: 100 Abbott Park Road
CITY: Abbott Park
STATE: IL
COUNTRY: USA
ZIP: 60064-3500
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/763,992
FILING DATE: 22-Jan-2004
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:

APPLICATION NUMBER: US/09/418,887
FILING DATE: 15-OCT-1999
APPLICATION NUMBER: US/08/946,869
FILING DATE: 08-OCT-1997
ATTORNEY/AGENT INFORMATION:
NAME: Becker, Cheryl L.
REGISTRATION NUMBER: 35,441
REFERENCE/DOCKET NUMBER: 5697, US, P1
TELECOMMUNICATION INFORMATION:
TELEPHONE: 847/935-1729
TELEFAX: 847/938-2623
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 19:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
SEQUENCE DESCRIPTION: SEQ ID NO: 19:
US-10-763-992-19

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5087 TTGAGCTTGCTTCTTGG 5105
DB 1 TTCCGCTCGGCTTCTTAG 19

RESULT 1513

US-10-663-208A-20/C
Sequence 20, Application US/10663208A
Publication No. US20040132058A1
GENERAL INFORMATION:
APPLICANT: Alemann, Scott W
APPLICANT: Wang, Luquan
APPLICANT: Graziano, Michael
APPLICANT: Murgolo, Nick
TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
FILE REFERENCE: JB01603K2 US
CURRENT APPLICATION NUMBER: US/10/663,208A
CURRENT FILING DATE: 2003-09-16
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 10/621,758
PRIOR FILING DATE: 2003-07-17
PRIOR APPLICATION NUMBER: 10/646,301
PRIOR FILING DATE: 2003-08-22
NUMBER OF SEQ ID NOS: 50
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-663-208A-20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3698 CAAAGCCAGAGAGCTGAT 3716
DB 19 CAAAGCCAGAGATGAGAT 1

RESULT 1514
US-10-671-395-128/C
Sequence 128, Application US/10671395
Publication No. US20040132063A1


```
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671.395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 128
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-128

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3019 TCACCCACCATGGGAGTT 3037
Db      20 TCAGCCACCATCTGGAGTT 2

RESULT 1515
US-10-671-395-214/c
; Sequence 214, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671.395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 214
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-214

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3321 CAGCCCAAGCCTGGAGCT 3339
Db      19 CTGCCCAAGCCTGTGTAT 1

RESULT 1516
US-10-671-395-351/c
; Sequence 351, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 534
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-351
```

```
; CURRENT FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; PRIOR FILING DATE: 2002-09-25
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 351
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-351

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3018 CTCACCCACCATGGGAGT 3036
Db      19 CTCAGCCACCATCTGGAGT 1

RESULT 1517
US-10-671-395-401/c
; Sequence 401, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671.395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 401
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-401

Query Match          0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      3321 CAGCCCAAGCCTGGAGCT 3339
Db      20 CTGCCCAAGCCTGTGTAT 2

RESULT 1518
US-10-671-395-534
; Sequence 534, Application US/10671395
; Publication No. US20040132063A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
; FILE REFERENCE: 1179/1/US
; CURRENT APPLICATION NUMBER: US/10/671.395
; PRIOR FILING DATE: 2003-09-25
; PRIOR APPLICATION NUMBER: 60/413,549
; NUMBER OF SEQ ID NOS: 1809
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 534
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-534
```

TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-534

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4757 AGGCTGAGACGAGGATCT 4775
Db 2 AGGCTGTGGCAGGACATCT 20

RESULT 1519
US-10-671-395-786
Sequence 786, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 786
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-786

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4757 AGGCTGAGACGAGGATCT 4775
Db 1 AGGCTGTGGCAGGACATCT 19

RESULT 1520
US-10-671-395-1149
Sequence 1149, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1149
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1149

Query Match 0.3%; Score 14.2; DB 1; Length 20;

Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2612 CAGCCCTGTCTTGGCCACA 2630
Db 2 CAGCCCTGTCTTGGCCACA 20

RESULT 1521
US-10-671-395-1297
Sequence 1297, Application US/10671395
Publication No. US20040132063A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Glaxo, James K
TITLE OF INVENTION: ANTISENSE MODULATION OF MICROSOMAL PROSTAGLANDIN E2 SYNTHASE
FILE REFERENCE: 1179/1/US
CURRENT APPLICATION NUMBER: US/10/671,395
CURRENT FILING DATE: 2003-09-25
PRIOR APPLICATION NUMBER: 60/413,549
PRIOR FILING DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 1809
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1297
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: Human PGE2 antisense
US-10-671-395-1297

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2612 CAGCCCTGTCTTGGCCACA 2630
Db 1 CAGCCCTGTCTTGGCCACA 19

RESULT 1522
US-10-728-399-278
Sequence 278, Application US/10728399
Publication No. US20040132078A1
GENERAL INFORMATION:
APPLICANT: Pharmacia Corp.
APPLICANT: Colca, Jerry
TITLE OF INVENTION: ANTISENSE MODULATION OF MITOCHONDRIAL EXPRESSION
FILE REFERENCE: 01455.1
CURRENT APPLICATION NUMBER: US/10/728,399
CURRENT FILING DATE: 2003-12-05
NUMBER OF SEQ ID NOS: 627
SOFTWARE: PatentIn version 3.2
SEQ ID NO 278
LENGTH: 20
TYPE: DNA
ORGANISM: artificial
FEATURE:
OTHER INFORMATION: human mitochond antisense
US-10-728-399-278

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 357 CTGAACGAGAGTCACTC 375
Db 2 CTGAACGAGAGTCACTC 20

RESULT 1523
US-10-728-399-370

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; Sequence 370, Application US/10728399
; Publication No. US2004013078A1
; GENERAL INFORMATION:
; APPLICANT: Pharmacia Corp.
; APPLICANT: Colica, Jerry
; TITLE OF INVENTION: ANTISENSE MODULATION OF MITONEET EXPRESSION
; FILE REFERENCE: 01455.1
; CURRENT FILING DATE: 2003-12-05
; NUMBER OF SEQ ID NOS: 627
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 370
; LENGTH: 20
; TYPE: DNA
; ORGANISM: artificial
; FEATURE:
; OTHER INFORMATION: human mitoneet antisense
US-10-728-399-370

```

```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      357 CTGAACAGAGAGTCAGTC 375
Db      1 CTGAACAGAGAGTCAGTC 19

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RESULT 1524
US-10-745-377-21/c
; Sequence 21, Application US/10745377
; Publication No. US20040137423A1
; GENERAL INFORMATION:
; APPLICANT: Hayden, Michael R.
; APPLICANT: Pimstone, Simon
; APPLICANT: Brooks-Wilson, Angela R.
; APPLICANT: Clee, Susanne M.
; TITLE OF INVENTION: HDL Cholesterol and Triglyceride Levels
; FILE REFERENCE: 760050-109
; CURRENT FILING DATE: 2003-12-23
; CURRENT APPLICATION NUMBER: US/10/745,377
; PRIOR FILING DATE: 2000-09-01
; PRIOR APPLICATION NUMBER: US 60/124,702
; PRIOR FILING DATE: 1999-03-15
; PRIOR APPLICATION NUMBER: US 60/138,048
; PRIOR FILING DATE: 1999-06-08
; PRIOR APPLICATION NUMBER: US 60/139,600
; PRIOR FILING DATE: 1999-06-17
; PRIOR APPLICATION NUMBER: US 60/151,977
; PRIOR FILING DATE: 1999-09-01
; PRIOR APPLICATION NUMBER: US 09/526,193
; PRIOR FILING DATE: 2000-03-15
; PRIOR APPLICATION NUMBER: US 60/213,958
; PRIOR FILING DATE: 2000-06-23
; NUMBER OF SEQ ID NOS: 256
; SOFTWARE: Word for Windows Version 6.0 (ASCII Text)
; SEQ ID NO 21
; LENGTH: 20
; TYPE: DNA
; ORGANISM: homo sapien
US-10-745-377-21

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```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      4832 GTGAGAGATCTGGCCTCA 4850
Db      20 GTGAGATCTCTGGCCTCA 2

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RESULT 1525
US-10-646-301A-20/c
; Sequence 20, Application US/10646301A
; Publication No. US20040137467A1
; GENERAL INFORMATION:
; APPLICANT: Altman, Scott W
; APPLICANT: Wang, Luquan
; APPLICANT: Graziano, Michael
; APPLICANT: Margolo, Nick
; TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
; FILE REFERENCE: JB01603-K1-US
; CURRENT FILING DATE: 2003-08-22
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 60/397,442
; PRIOR FILING DATE: 2002-07-19
; PRIOR APPLICATION NUMBER: 10/621,758
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 20
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: primer
US-10-646-301A-20

```

```

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY      3698 CAAGCCAGAGAGTCGAT 3716
Db      19 CAAGCCAGAGAGTCGAT 1

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RESULT 1526
US-10-215-371-124
; Sequence 124, Application US/10215371
; Publication No. US20040137561A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Chen, Jian
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth
; APPLICANT: Pennica, Diane
; APPLICANT: Wood, William I.
; APPLICANT: Yuan, Jean
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P618P2C83
; CURRENT FILING DATE: 2002-08-08
; CURRENT APPLICATION NUMBER: US/10/215,371
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/665,350
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US98/18824
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: US 60/099,803
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: US 60/062,285
; PRIOR FILING DATE: 1997-10-17
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide Probe
US-10-215-371-124

```

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; PRIOR FILING DATE: 1998-09-17
; NUMBER OF SEQ ID NOS: 30
SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-785-220-16

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCACGGTGCTA 2719
       |||..|||||||
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1529
US-10-785-221-16
Sequence 16, Application US/10785221
Publication No. US20040141971A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Fong, Sherman
APPLICANT: Goddard, Audrey
APPLICANT: Gurney, Austin L.
APPLICANT: Napier, Mary A.
APPLICANT: Tumas, Daniel
APPLICANT: Wood, William I.
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE TREATMENT
OF TITLE OF INVENTION: OF DISEASES CHARACTERIZED BY A33- RELATED ANTIGENS
FILE REFERENCE: P121R1(US)
CURRENT APPLICATION NUMBER: US/10/785,221
PRIOR FILING DATE: 2004-02-24
PRIOR APPLICATION NUMBER: US/09/254,465
PRIOR FILING DATE: 1999-03-05
PRIOR APPLICATION NUMBER: PCT/US98/24655
PRIOR FILING DATE: 1998-11-20
PRIOR APPLICATION NUMBER: US 60/066,364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: US 60/078,936
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: PCT/US98/19437
PRIOR FILING DATE: 1998-09-17
NUMBER OF SEQ ID NOS: 30
SEQ ID NO 16
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-785-221-16

Query Match      0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTTCACGGTGCTA 2719
       |||..|||||||
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1530
US-10-785-433-16
Sequence 16, Application US/10785433
Publication No. US20040141972A1
GENERAL INFORMATION:
APPLICANT: Genentech, Inc.
APPLICANT: Ashkenazi, Avi J.
APPLICANT: Fong, Sherman
```


OY 1307 CCAACTGACAGCCTGTTG 1325
DB 20 CCGAGTGACAGCCTGTAG 2

RESULT 1534

US-10-652-795-374/C
; Sequence 374, Application US/10652795
; Publication No. US20040142346A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/652,795
; CURRENT FILING DATE: 2003-08-29
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 374
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-652-795-374

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 104 CTCTCTGACGCTCCAGA 122
DB 20 CTCTCCAGATGTTCCAGA 2

RESULT 1535

US-10-647-918-51
; Sequence 51, Application US/10647918
; Publication No. US20040152652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 51
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-51

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 267 CCCCTCTCTCTTCTCT 285
DB 2 CCCATCTCTCCCTCTCT 20

RESULT 1536

US-10-647-918-195
; Sequence 195, Application US/10647918
; Publication No. US20040152652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 195
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-647-918-195

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2209 ACAGAGCTGAGTCCCTT 2227
DB 2 AGAAAACTGACAGCCCTT 20

RESULT 1537

US-10-647-918-287/C
; Sequence 287, Application US/10647918
; Publication No. US20040152652A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Brenda
; APPLICANT: Bennett, C. Frank
; APPLICANT: Butler, Madeline M.
; APPLICANT: Shanahan, William R.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR-ALF
; FILE REFERENCE: ISPH-0501
; CURRENT APPLICATION NUMBER: US/10/647,918
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: US/09/824,322B
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/313,932
; PRIOR FILING DATE: 1999-05-18
; PRIOR APPLICATION NUMBER: US 09/166,186
; PRIOR FILING DATE: 1998-10-05
; NUMBER OF SEQ ID NOS: 503
; SEQ ID NO 287
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
US-10-647-918-287

OTHER INFORMATION: Synthetic
US-10-647-918-287

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1307 CCAACTGACAGCCTGTG 1325
DB 20 CCGAGTACAGACCTGTAG 2

RESULT 1538
US-10-647-918-374/c
Sequence 374, Application US/10647918
Publication No. US20040152652A1
GENERAL INFORMATION:
APPLICANT: Baker, Brenda
APPLICANT: Bennett, C. Frank
APPLICANT: Shanahan, William R.
TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE MODULATION OF TUMOR NECROSIS FACTOR- α
FILE REFERENCE: ISPH-0501
CURRENT APPLICATION NUMBER: US/10/647,918
PRIOR FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: US/09/824,322B
PRIOR FILING DATE: 2001-04-02
PRIOR APPLICATION NUMBER: US 09/313,932
PRIOR FILING DATE: 1999-05-18
PRIOR APPLICATION NUMBER: US 09/166,186
PRIOR FILING DATE: 1998-10-05
NUMBER OF SEQ ID NOS: 503
SEQ ID NO 374
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-10-647-918-374

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 104 CTCTCTGACGCTTCGAGA 122
DB 20 CTCTCCAGATGTTCCAGA 2

RESULT 1539
US-10-766-185-86/c
Sequence 86, Application US/10766185
Publication No. US20040152655A1
GENERAL INFORMATION:
APPLICANT: Yoon, Heejeong
APPLICANT: Ahn, Chang Ho
APPLICANT: Lee, Young Bok
APPLICANT: Mao, Lingjun
APPLICANT: Jiaang, Xiaoming
TITLE OF INVENTION: Antisense Oligonucleotides that inhibit expression of HIF-1
FILE REFERENCE: REX 7034
CURRENT APPLICATION NUMBER: US/10/766,185
PRIOR FILING DATE: 2004-01-28
NUMBER OF SEQ ID NOS: 130
SOFTWARE: PatentIn version 3.1
SEQ ID NO 86
LENGTH: 20
TYPE: DNA
ORGANISM: artificial sequence
FEATURE:
OTHER INFORMATION: antisense oligonucleotide
US-10-766-185-86

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4300 CAACAAACAGTGTGGTCC 4318
DB 20 CAACAAACAGATGTGTCC 2

RESULT 1540
US-10-736-769-20/c
Sequence 20, Application US/10736769
Publication No. US20040161838A1
GENERAL INFORMATION:
APPLICANT: Altman, Scott W
APPLICANT: Wang, Luquan
APPLICANT: Graziano, Michael
APPLICANT: Murgolo, Nick
TITLE OF INVENTION: NPC1L1 (NPC3) AND METHODS OF USE THEREOF
FILE REFERENCE: JB01603-K3-US
CURRENT APPLICATION NUMBER: US/10/736,769
PRIOR FILING DATE: 2003-12-16
PRIOR APPLICATION NUMBER: 60/397,442
PRIOR FILING DATE: 2002-07-19
PRIOR APPLICATION NUMBER: 10/621,758
PRIOR FILING DATE: 2003-07-17
PRIOR APPLICATION NUMBER: 10/646,301
PRIOR FILING DATE: 2003-08-22
PRIOR APPLICATION NUMBER: 10/663,208
PRIOR FILING DATE: 2003-09-16
NUMBER OF SEQ ID NOS: 51
SOFTWARE: PatentIn version 3.1
SEQ ID NO 20
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: primer
US-10-736-769-20

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3698 CAAAGCCAGAGGCTGAT 3716
DB 19 CAAAGCCAGATGAGAT 1

RESULT 1541
US-10-641-455A-185/c
Sequence 185, Application US/10641455A
Publication No. US20040171566A1
GENERAL INFORMATION:
APPLICANT: Monia, Brett P.
APPLICANT: Gaarde, William A.
APPLICANT: Nero, Pamela S.
APPLICANT: McKay, Robert
APPLICANT: Popoff, Ian
APPLICANT: Wong, Wei Shiu Fred
TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
Kinase Expression
FILE REFERENCE: ISPH-0762
CURRENT APPLICATION NUMBER: US/10/641,455A
PRIOR FILING DATE: 2003-08-15
PRIOR APPLICATION NUMBER: US 10/238,442
PRIOR FILING DATE: 2002-09-09
PRIOR APPLICATION NUMBER: US 09/640,101
PRIOR FILING DATE: 2000-08-15
PRIOR APPLICATION NUMBER: US 09/286,904
PRIOR FILING DATE: 1999-04-06
NUMBER OF SEQ ID NOS: 266

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; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 185
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-641-455A-185

Query Match
Best Local Similarity 84.2%; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 784 TGGGCGCTGACCACT 802
DB 19 TGTACTGTGACCACT 1

RESULT 1542
US-10-755-889-810
; Sequence 810, Application US/10755889
; Publication No. US20040171823A1
; GENERAL INFORMATION:
; APPLICANT: Bristol-Myers Squibb Company
; TITLE OF INVENTION: POLYNUCLEOTIDES AND POLYPEPTIDES ASSOCIATED WITH THE NF-KB
; TITLE OF INVENTION: PATHWAY
; FILE REFERENCE: D0284 NP
; CURRENT APPLICATION NUMBER: US/10/755,889
; CURRENT FILING DATE: 2004-01-13
; PRIOR APPLICATION NUMBER: U.S. 60/440,068
; PRIOR FILING DATE: 2003-01-14
; PRIOR APPLICATION NUMBER: U.S. 60/469,757
; PRIOR FILING DATE: 2003-05-12
; NUMBER OF SEQ ID NOS: 823
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 810
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthesized Primer.
US-10-755-889-810

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 845 CCCTGAGGAGACACAGA 863
DB 2 CGCTGAGGAGAACTGAA 20

RESULT 1543
US-10-619-739-175
; Sequence 175, Application US/10619739
; Publication No. US20040175719A1
; GENERAL INFORMATION:
; APPLICANT: Christians, Frederick C.
; TITLE OF INVENTION: Synthetic Tag Genes
; FILE REFERENCE: 3502.1
; CURRENT APPLICATION NUMBER: US/10/619,739
; CURRENT FILING DATE: 2003-07-14
; PRIOR APPLICATION NUMBER: 60/395,530
; PRIOR FILING DATE: 2002-07-12
; NUMBER OF SEQ ID NOS: 2068
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 175
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-619-739-175

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2114 AGGTTCTGTCACAGCCAC 2132
DB 1 AGAGTTCGTCAATAGCCGC 19

RESULT 1544
US-10-744-635-23/C
; Sequence 23, Application US/10744635
; Publication No. US2004018031A1
; GENERAL INFORMATION:
; APPLICANT: Vervoort, Marcel B.H.J.
; APPLICANT: van den Brule, Andrianus J.C.
; APPLICANT: Middelorp, Jaap M.
; TITLE OF INVENTION: OLIGONUCLEOTIDES FOR THE AMPLIFICATION AND DETECTION OF EPSTEIN
; TITLE OF INVENTION: BARR VIRUS (EBV) NUCLEIC ACID
; FILE REFERENCE: 9310.17DV
; CURRENT APPLICATION NUMBER: US/10/744,635
; CURRENT FILING DATE: 2003-12-23
; PRIOR APPLICATION NUMBER: US 09/623,329
; PRIOR FILING DATE: 2000-11-13
; PRIOR APPLICATION NUMBER: PCT/EP99/01392
; PRIOR FILING DATE: 1999-03-01
; NUMBER OF SEQ ID NOS: 37
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 23
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Epstein-Barr Virus
US-10-744-635-23

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 210 CAAGAAAGCCGCGCAGCC 228
DB 19 CAAGAAAGCGGTGACAGCC 1

RESULT 1545
US-10-389-033-2
; Sequence 2, Application US/10389033
; Publication No. US20040180345A1
; GENERAL INFORMATION:
; APPLICANT: Erikson, Glen
; APPLICANT: Dakeis, Jaemie
; TITLE OF INVENTION: PRE-INCUBATION METHOD TO IMPROVE SIGNAL/NOISE RATIO OF NUCLEIC
; TITLE OF INVENTION: ACID ASSAYS
; FILE REFERENCE: E1047/20138
; CURRENT APPLICATION NUMBER: US/10/389,033
; CURRENT FILING DATE: 2003-03-14
; NUMBER OF SEQ ID NOS: 14
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 2
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-389-033-2

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 349 CTGAGCGCTGAAACAGCA 367
DB 2 CAGAGTACTGAAACAGCA 20
```



```
RESULT 1546
US-10-771-187-124
; Publication 124, Application US/10771187
; Sequence 124, US20040185531A1
; GENERAL INFORMATION:
; APPLICANT: Genentech, Inc.
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gertschen, Mary E.
; APPLICANT: Goddard, A.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth, J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Mather, Jennie P.
; APPLICANT: Maier, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William, I.
; TITLE OF INVENTION: Secretd and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: 38780-1618P278C1
; CURRENT FILING DATE: 2004-02-02
; PRIOR APPLICATION NUMBER: US/10/771.187
; PRIOR FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: PCT/US00/04414
; PRIOR FILING DATE: 2000-02-22
; PRIOR APPLICATION NUMBER: PCT/US98/19437
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: PCT/US98/19330
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/088,026
; PRIOR FILING DATE: 1998-06-04
; PRIOR APPLICATION NUMBER: 60/066,770
; PRIOR FILING DATE: 1997-11-24
; PRIOR APPLICATION NUMBER: 60/065,186
; PRIOR FILING DATE: 1997-11-12
; NUMBER OF SEQ ID NOS: 423
; SEQ ID NO 124
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic
; OTHER INFORMATION: oligonucleotide probe
US-10-771-187-124

Query Match      0.3%: Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2701 TTGAGTTCTCAGGTGCTA 2719
      ||| ||| ||| ||| ||| |||
Db      1 TTGCCTTACTCAGGTGCTA 19

RESULT 1547
US-10-476-021-102
; Sequence 102, Application US/10476021
```

```
; Publication No. US20040186069A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF TUMOR NECROSIS FACTOR RECEPTOR 2 EXPRESS
; FILE REFERENCE: RTS-0216
; CURRENT APPLICATION NUMBER: US/10/476,021
; CURRENT FILING DATE: 2003-10-24
; PRIOR APPLICATION NUMBER: US/09/844,634
; PRIOR FILING DATE: 2001-04-27
; NUMBER OF SEQ ID NOS: 174
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-476-021-102

Query Match      0.3%: Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2331 CAGCAGCAGTACGACGACC 2349
      ||| ||| ||| ||| ||| |||
Db      1 CAGCTGCAGTTCGAGAGACC 19

RESULT 1548
US-10-741-789A-62/c
; Sequence 62, Application US/10741789A
; Publication No. US20040205839A1
; GENERAL INFORMATION:
; APPLICANT: Doutriaux, Marie-Pascale
; APPLICANT: Belzner, Andreas
; APPLICANT: Freysinet, Georges
; APPLICANT: Perez, Pascal
; TITLE OF INVENTION: METHOD FOR OBTAINING PLANT VARIETIES
; FILE REFERENCE: A33153-PCT-USA 075118, 0115
; CURRENT APPLICATION NUMBER: US/10/741,789A
; CURRENT FILING DATE: 2003-12-19
; PRIOR APPLICATION NUMBER: PCT/EP98/06977
; PRIOR FILING DATE: 1998-10-09
; NUMBER OF SEQ ID NOS: 103
; SEQ ID NO 62
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial sequence
; FEATURE:
; OTHER INFORMATION: Forward primer for PCR amplification of Athb102 SLP marker in
; OTHER INFORMATION: Arabidopsis thaliana subspecies
US-10-741-789A-62

Query Match      0.3%: Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 9.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1329 TCATGAGAGCAAGGTCA 1347
      ||| ||| ||| ||| ||| |||
Db      19 TCATGAGAGAGGAGGTCA 1

RESULT 1549
US-10-369-378-44/c
; Sequence 44, Application US/10369378
; Publication No. US20030170859A1
; GENERAL INFORMATION:
; APPLICANT: Christenson, Erik
; APPLICANT: Demaggio, Anthony J
; APPLICANT: Goldman, Phyllis S
; APPLICANT: McEligott, David L
; TITLE OF INVENTION: Human Poly(ADP-Ribose) Polymerase 2 Materials and
; TITLE OF INVENTION: Methods
```

```
FILE REFERENCE: 27866/36544
; CURRENT APPLICATION NUMBER: US/10/369,378
; CURRENT FILING DATE: 2003-02-19
; PRIOR APPLICATION NUMBER: US/09/596,248D
; PRIOR FILING DATE: 2000-06-16
; PRIOR APPLICATION NUMBER: 60/139,543
; PRIOR FILING DATE: 1999-06-16
; NUMBER OF SEQ ID NOS: 68
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 44
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-10-369-378-44

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      461 GTGTGGTCTCTGGGGGTGC 479
Db      21 GTGCTGTCTCCAGGGGGTGC 3

RESULT 1550
US-09-895-072-41/c
; Sequence 41, Application US/09895072
; Patent No. US2002002550A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, WILLIAM M
; TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
; FILE REFERENCE: 210119US00CNT
; CURRENT APPLICATION NUMBER: US/09/895,072
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: 60/153,831
; PRIOR FILING DATE: 1999-09-14
; PRIOR APPLICATION NUMBER: US 09/635,872
; PRIOR FILING DATE: 2000-08-10
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: Patent In Version 3.1
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-895-072-41

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1286 CACATGCTGCCAGCTC 1304
Db      20 CACCATGGGGTTCAGCTC 2

RESULT 1551
US-09-303-510-27
; Sequence 27, Application US/09303510A
; Patent No. US20020028208A1
; GENERAL INFORMATION:
; APPLICANT: Collis, Ellen W.
; APPLICANT: Hash, Stephen M.
; APPLICANT: Choi, Insoo
; TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CD28, and Feline
; TITLE OF INVENTION: CTLA-4 Nucleic Acid and Polypeptides
; FILE REFERENCE: 54954
; CURRENT APPLICATION NUMBER: US/09/303,510A
; CURRENT FILING DATE: 1999-04-30
; EARLIER APPLICATION NUMBER: 60/083,869
```

```
EARLIER FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 83
; SOFTWARE: Patent In Ver. 2.1
; SEQ ID NO 27
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: primer
US-09-303-510-27

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2572 AGTCTTATGGCACTACAG 2590
Db      2 AGTATTGTCAGAGACCAG 20

RESULT 1552
US-09-765-081-353
; Sequence 353, Application US/09765081
; Patent No. US20020037508A1
; GENERAL INFORMATION:
; APPLICANT: Cargill, Michele
; APPLICANT: Ireland, James S.
; APPLICANT: Lander, Eric S.
; TITLE OF INVENTION: HUMAN SINGLE NUCLEOTIDE POLYMORPHISMS
; FILE REFERENCE: 2825.2008-001
; CURRENT APPLICATION NUMBER: US/09/765,081
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: US 60/176,861
; PRIOR FILING DATE: 2000-01-19
; NUMBER OF SEQ ID NOS: 461
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 353
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-765-081-353

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 76.2%; Pred. No. 1e+03;
Matches 16; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY      475 GGTGCTGCCGCCGACCCGA 495
Db      1 GGTCCAGCCGACGACGCCA 21

RESULT 1553
US-09-303-040-27
; Sequence 27, Application US/09303040
; Patent No. US20020051792A1
; GENERAL INFORMATION:
; APPLICANT: Winslow, Barbara J.
; APPLICANT: Cochran, Mark D.
; TITLE OF INVENTION: Recombinant Virus Expressing Foreign DNA Encoding
; TITLE OF INVENTION: Feline CD80, Feline CD86, Feline CD28, Feline CTLA-4 or
; TITLE OF INVENTION: Feline Interferon-gamma And Uses Thereof
; FILE REFERENCE: 54957-B
; CURRENT APPLICATION NUMBER: US/09/303,040
; CURRENT FILING DATE: 1999-04-30
; EARLIER APPLICATION NUMBER: 60/083,870
; EARLIER FILING DATE: 1998-05-01
; NUMBER OF SEQ ID NOS: 82
; SOFTWARE: Patent In Ver. 2.0
; SEQ ID NO 27
; LENGTH: 21
; TYPE: DNA
; ORGANISM: feline CD86 primer
US-09-303-040-27
```

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2572 AGTCTATGGCAGTACCAG 2590
DB 2 AGTATTTTGGCAGACCCAG 20

RESULT 1554
US-09-888-615-125/c
; Sequence 125; Application US/09888615
; Patent No. US20020064856A1
; GENERAL INFORMATION:
; APPLICANT: PLOWMAN, GREGORY
; APPLICANT: WHYTE, DAVID
; APPLICANT: CAENEPEEL, SEAN
; APPLICANT: CHARVOCZAK, GLEN
; APPLICANT: MANNING, GERARD
; APPLICANT: SUDARSHANAM, SUCHA
; TITLE OF INVENTION: NOVEL PROTEASES
; FILE REFERENCE: 038602/1214
; CURRENT APPLICATION NUMBER: US/09/888,615
; PRIOR FILING DATE: 2001-06-26
; PRIOR APPLICATION NUMBER: 60/214,047
; PRIOR FILING DATE: 2000-06-26
; NUMBER OF SEQ ID NOS: 150
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 125
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-888-615-125

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 487 CCCAGCCGAGGAGGCCAC 505
DB 20 CCCAGCTGATGATGCCAC 2

RESULT 1555
US-09-789-529-80/c
; Sequence 80; Application US/09789529
; Patent No. US20020132290A1
; GENERAL INFORMATION:
; APPLICANT: Frazer, Kelly A.
; APPLICANT: Rubin, Edward M.
; APPLICANT: Loots, Gabriela G.
; APPLICANT: The Regents of the University of California
; TITLE OF INVENTION: Coordinate Cytokine Regulatory Sequences
; FILE REFERENCE: 014939-001300US
; CURRENT APPLICATION NUMBER: US/09/789,529
; PRIOR FILING DATE: 2001-09-24
; PRIOR APPLICATION NUMBER: US 60/183,657
; PRIOR FILING DATE: 2000-02-18
; NUMBER OF SEQ ID NOS: 90
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 80
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Tagman primer
US-09-789-529-80

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1632 TTGCTACTCCAAAAGA 1650
DB 20 TTGCTGCTCCAGAAACA 2

RESULT 1556
US-09-897-438B-8/c
; Sequence 8; Application US/09897438B
; Patent No. US20020137095A1
; GENERAL INFORMATION:
; APPLICANT: Mikoshiba, Katsuhiko
; APPLICANT: Tate, Naoko
; TITLE OF INVENTION: REELIN PROTEIN CR-50 EPI TOPE REGION
; FILE REFERENCE: 04853-0076-00000
; CURRENT APPLICATION NUMBER: US/09/897,438B
; PRIOR FILING DATE: 2001-07-03
; PRIOR APPLICATION NUMBER: JP 2000-202801
; PRIOR FILING DATE: 2000-07-04
; NUMBER OF SEQ ID NOS: 11
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-09-897-438B-8

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4228 CCCACAGAGTTCAGTGCT 4246
DB 21 CCCACAGAGGCACTGCTT 3

RESULT 1557
US-09-986-552-41/c
; Sequence 41; Application US/09986552
; Patent No. US20020150981A1
; GENERAL INFORMATION:
; APPLICANT: CANFIELD, William
; TITLE OF INVENTION: METHODS FOR PRODUCING HIGHLY PHOSPHORYLATED LYSOSOMAL HYDROLASES
; FILE REFERENCE: 215089US77DIV
; CURRENT APPLICATION NUMBER: US/09/986,552
; PRIOR FILING DATE: 2001-11-09
; PRIOR APPLICATION NUMBER: 09/635,872
; PRIOR FILING DATE: 2000-08-10
; PRIOR APPLICATION NUMBER: 60/153,831
; PRIOR FILING DATE: 1999-09-14
; NUMBER OF SEQ ID NOS: 52
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 41
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: synthetic DNA
US-09-986-552-41

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1286 CAACATGTTCTCCAGCTC 1304
DB 20 CACCATGGGGTTCAAGCTC 2

RESULT 1558

US-09-908-193-54
; Sequence 54, Application US/09908193
; Publication No. US20020192748A1
; GENERAL INFORMATION:
; APPLICANT: RASTELLI, LUCA
; APPLICANT: SHIMKETS, RICHARD A.
; APPLICANT: ZERHUSEN, BRYAN
; APPLICANT: MALYANKAR, URIEL M.
; APPLICANT: PADIGARU, MODALIDHARA
; TITLE OF INVENTION: NOVEL POLYNUCLEOTIDES AND POLYPEPTIDES ENCODED THEREBY
; FILE REFERENCE: 21402-062
; CURRENT APPLICATION NUMBER: US/09/908,193
; CURRENT FILING DATE: 2001-07-18
; PRIOR APPLICATION NUMBER: 60/220,273
; PRIOR FILING DATE: 2000-07-24
; PRIOR APPLICATION NUMBER: 60/221,650
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: 60/221,233
; PRIOR FILING DATE: 2000-07-27
; PRIOR APPLICATION NUMBER: 60/220,912
; PRIOR FILING DATE: 2000-07-26
; PRIOR APPLICATION NUMBER: 60/218,875
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: 60/218,870
; PRIOR FILING DATE: 2000-07-18
; PRIOR APPLICATION NUMBER: 60/218,901
; PRIOR FILING DATE: 2000-07-18
; NUMBER OF SEQ ID NOS: 74
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 54
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer
US-09-908-193-54
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 773 GAAGAAACATGGGGCTG 791
Db 1 GTAGGTACATGGGGCTG 19
RESULT 1559
US-09-888-326-227
; Sequence 227, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 227
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-227

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 728 CATGAGTTCTTCACCAAG 746
Db 3 CATGGTTCTTCACCAAG 21
RESULT 1560
US-09-888-326-255/c
; Sequence 255, Application US/09888326
; Publication No. US20030026801A1
; GENERAL INFORMATION:
; APPLICANT: Weiner, George
; APPLICANT: Hartmann, Gunther
; TITLE OF INVENTION: Methods for Enhancing Antibody-Induced
; FILE REFERENCE: C1039/7052 (AMS)
; CURRENT APPLICATION NUMBER: US/09/888,326
; CURRENT FILING DATE: 2001-06-22
; PRIOR APPLICATION NUMBER: US 60/213,346
; PRIOR FILING DATE: 2000-06-22
; NUMBER OF SEQ ID NOS: 848
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 255
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide
; NAME/KEY: misc_feature
; LOCATION: (0)..(0)
; OTHER INFORMATION: phosphodiester backbone
US-09-888-326-255
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 728 CATGAGTTCTTCACCAAG 746
Db 19 CATGGTTCTTCACCAAG 1
RESULT 1561
US-09-932-300-42/c
; Sequence 42, Application US/09932300
; Publication No. US20030032788A1
; GENERAL INFORMATION:
; APPLICANT: GARVER, Eric
; APPLICANT: TU, Guang-Chou
; APPLICANT: ISRAEL, Yedy
; TITLE OF INVENTION: METHODS OF INHIBITING ALCOHOL CONSUMPTION
; FILE REFERENCE: 9855-302
; CURRENT APPLICATION NUMBER: US/09/932,300
; CURRENT FILING DATE: 2001-08-20
; PRIOR APPLICATION NUMBER: US 60/051,705
; PRIOR FILING DATE: 1997-07-03
; PRIOR APPLICATION NUMBER: US 09/109,663
; PRIOR FILING DATE: 1998-07-02
; NUMBER OF SEQ ID NOS: 111
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 42
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Candidate
; OTHER INFORMATION: TNF(alpha) ASO
US-09-932-300-42
Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 3463 CTCCCAGACACAGAGTC 3481
Db 20 CTCCCAGACACAGAGTC 2

RESULT 1562
US-09-232-785-390/c
; Sequence 390, Application US/09232785
; Publication No. US20030049612a1
; GENERAL INFORMATION:
; APPLICANT: International Paper Co.
; APPLICANT: Echt, Craig. S
; APPLICANT: Nelson, C. Dana
; TITLE OF INVENTION: MICROSATELLITE DNA MARKERS AND USES
; FILE REFERENCE: 4481/1E18US1
; CURRENT APPLICATION NUMBER: US/09/232,785
; CURRENT FILING DATE: 1999-01-19
; PRIOR APPLICATION NUMBER: 09/232,884
; PRIOR FILING DATE: 1999-01-15
; NUMBER OF SEQ ID NOS: 397
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 390
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Pinus taeda L.
US-09-232-785-390

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1715 CATGATCAGCATCTTCATC 1733
Db 21 CATGATCAGCATCTTCATC 3

RESULT 1563
US-09-946-374-454
; Sequence 454, Application US/09946374
; Publication No. US20030073129a1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C1
; CURRENT APPLICATION NUMBER: US/09/946,374
; CURRENT FILING DATE: 2001-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01

PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099808
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100388
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100584
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100661
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100662
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100664
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100683
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100710
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100711
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100849
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100930
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101014
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101068

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; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101071
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/101279
; PRIOR FILING DATE: 1998-09-22
; PRIOR APPLICATION NUMBER: 60/101471
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101472
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101474
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101475
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101476
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101479
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101743
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101915
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101916
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/102207
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102240
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102307
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102330
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102331
; PRIOR FILING DATE: 1998-09-29
; PRIOR APPLICATION NUMBER: 60/102484
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102487
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102570
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102571
; PRIOR FILING DATE: 1998-09-30
; PRIOR APPLICATION NUMBER: 60/102684
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102687
; PRIOR FILING DATE: 1998-10-01
; PRIOR APPLICATION NUMBER: 60/102965
; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: 60/103258
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103314
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103315
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103328
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103395
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103396
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103401
; PRIOR FILING DATE: 1998-10-07
; PRIOR APPLICATION NUMBER: 60/103449
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103678
; PRIOR FILING DATE: 1998-10-08
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; PRIOR APPLICATION NUMBER: 60/103679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGCTAGCCATG 82
Db      1 CCATGCTGCTAGCCAG 19

RESULT 1564
US-09-776-479-129
; Sequence 129, Application US/09776479
; Publication No. US20030087484A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-129

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      728 CATGAGTTCTCACCAG 746
Db      3 CATGAGTTCTCACCAG 21

RESULT 1565
US-09-776-479-129
; Sequence 129, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
```

```
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-129
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      728 CATGAGTTCTTCACCAAG 746
Db      3 CATGGTTCTCCACCAAG 21
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```
RESULT 1566
US-09-776-479-130/c
; Sequence 130, Application US/09776479
; Publication No. US20030087848A1
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-130
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      728 CATGAGTTCTTCACCAAG 746
Db      19 CATGGTTCTCCACCAAG 1
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```
RESULT 1567
US-09-776-479-130/c
; Sequence 130, Application US/09776479
; Publication No. US20040067902A9
; GENERAL INFORMATION:
; APPLICANT: Bratzler, Robert L.
; APPLICANT: Petersen, Deanna M.
; APPLICANT: Fourn, Yves
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids for the
; FILE REFERENCE: C1037/7013 (HCL/MAT)
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; CURRENT APPLICATION NUMBER: US/09/776,479
; CURRENT FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: US 60/179,991
; PRIOR FILING DATE: 2000-02-03
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-09-776-479-130
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      728 CATGAGTTCTTCACCAAG 746
Db      19 CATGGTTCTCCACCAAG 1
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RESULT 1568
US-09-952-213D-11
; Sequence 11, Application US/09952213D
; Publication No. US20030096240A1
; GENERAL INFORMATION:
; APPLICANT: MORAD, PERID
; APPLICANT: SHARINA, IRAIDA G.
; APPLICANT: KRUMENACKER, J. S.
; APPLICANT: MARTIN, E.
; TITLE OF INVENTION: GENOMIC ORGANIZATION OF MOUSE AND HUMAN SGC
; FILE REFERENCE: UTSN:252US
; CURRENT APPLICATION NUMBER: US/09/952,213D
; CURRENT FILING DATE: 2002-08-16
; NUMBER OF SEQ ID NOS: 15
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 11
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Mus musculus
US-09-952-213D-11
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      4774 CTACTGGCTTCAGTTC 4792
Db      3 CTTCCTGCTTCAGTAC 21
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```
RESULT 1569
US-09-902-563-28
; Sequence 28, Application US/09902563
; Publication No. US20030099654A1
; GENERAL INFORMATION:
; APPLICANT: Levy, Gary
; TITLE OF INVENTION: Methods of Modulating Immune Coagulation
; FILE REFERENCE: 9579-37
; CURRENT APPLICATION NUMBER: US/09/902,563
; CURRENT FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 09/442,143
; PRIOR FILING DATE: 1999-11-15
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
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US-09-902-563-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4645 CTTAAGAGCTGAAGATC 4663
1 CTTGGAGCTGATATGTC 19

RESULT 1570
US-09-382-860-158/c

Sequence 158, Application US/09382860
Publication No. US20030110526A1
GENERAL INFORMATION:
APPLICANT: Brown, Jr., Robert H.
APPLICANT: Liu, Jing
APPLICANT: Aoki, Masashi
APPLICANT: Hoffman, Eric
APPLICANT: Chou, Fan-Li
TITLE OF INVENTION: DYSPERLIN MUTATIONS
FILE REFERENCE: 00786/401002
CURRENT APPLICATION NUMBER: US/09/382,860
CURRENT FILING DATE: 1999-08-25
EARLIER APPLICATION NUMBER: US 60/097,930
EARLIER FILING DATE: 1998-08-25
NUMBER OF SEQ ID NOS: 283
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 158
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-382-860-158

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 420 CCGCAGGTGACAGTGAGG 438
20 CCGCAGGATGCTGGGAGG 2

RESULT 1571
US-09-382-860-179

Sequence 179, Application US/09382860
Publication No. US20030110526A1
GENERAL INFORMATION:
APPLICANT: Brown, Jr., Robert H.
APPLICANT: Liu, Jing
APPLICANT: Aoki, Masashi
APPLICANT: Hoffman, Eric
APPLICANT: Chou, Fan-Li
TITLE OF INVENTION: DYSPERLIN MUTATIONS
FILE REFERENCE: 00786/401002
CURRENT APPLICATION NUMBER: US/09/382,860
CURRENT FILING DATE: 1999-08-25
EARLIER APPLICATION NUMBER: US 60/097,930
EARLIER FILING DATE: 1998-08-25
NUMBER OF SEQ ID NOS: 283
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 179
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-09-382-860-179

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1232 GCTCTCCCGGCGCTCGT 1250

Db 2 GCTCTCCCGGCGCTCGCT 20

RESULT 1572
US-10-032-924-41
Sequence 41, Application US/10032924
Publication No. US20030022190A1
GENERAL INFORMATION:
APPLICANT: Shipman, Robert
Leushner, James
Dunn, James M.

TITLE OF INVENTION: METHOD AND REAGENTS FOR TESTING FOR
MUTATIONS IN THE BRCA1 GENE
NUMBER OF SEQUENCES: 77
CORRESPONDENCE ADDRESS:
ADDRESSEE: Opedahl & Larson
STREET: 1992 Commerce Street Suite 309
CITY: Yorktown
STATE: NY
COUNTRY: US
ZIP: 10598
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette - 3.5 inch, 1.44 Mb storage
COMPUTER: IBM compatible
OPERATING SYSTEM: MS DOS
SOFTWARE: Word Perfect
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/032,924
FILING DATE: 26-Dec-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/649,950
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Larson, Marina T.
REGISTRATION NUMBER: 32,038
REFERENCE/DOCKET NUMBER: VGEN.P-028-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: (914) 245-3252
TELEFAX: (914) 962-4330
TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 41:
SEQUENCE CHARACTERISTICS:
LENGTH: 21
TYPE: nucleic acid
STRANDEDNESS: double
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
HYPOTHETICAL: no
ANTI-SENSE: no
FRAGMENT TYPE: internal
ORIGINAL SOURCE:
ORGANISM: human
FEATURE:
OTHER INFORMATION: amplification primer for BRCA1 gene
SEQUENCE DESCRIPTION: SEQ ID NO: 41:
US-10-032-924-41

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3219 GGCTCCAGATCAGTGAAA 3237
3 GGCTCCAGATTAATGAAA 21

RESULT 1573
US-10-022-819-18/c
Sequence 18, Application US/10022819
Publication No. US20030027166A1
GENERAL INFORMATION:

APPLICANT: ALLEN, Antonette C. P.
OLSEN, Sheri J.
LAWRENCE, Tammy
ANGELI, Tracy S.
RABIN, Mark B.
TITLE OF INVENTION: CODING SEQUENCE HAPLOTYPE OF THE HUMAN
BRCA1 GENE
NUMBER OF SEQUENCES: 67
CORRESPONDENCE ADDRESS:
ADDRESSEE: Morgan Lewis & Bockius LLP
STREET: 1111 Pennsylvania Avenue
CITY: Washington DC
STATE: District of Columbia
COUNTRY: USA
ZIP: 20004
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/022,819
FILING DATE: 22-Apr-2002
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 09/074,452
FILING DATE: 1998-05-06
ATTORNEY/AGENT INFORMATION:
NAME: <Unknown>
REGISTRATION NUMBER: <Unknown>
REFERENCE/DOCKET NUMBER: 044921-5049-01-US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 202-739-3000
TELEFAX: 202-739-3001
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "PRIMER"
HYPOTHETICAL: NO
ANTI-SENSE: NO
FRAGMENT TYPE: internal
SEQUENCE DESCRIPTION: SEQ ID NO: 18:
US-10-022-819-18
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4654 CTGAAGAGCTGGTAGCT 4672
DB 21 CTGAAGAGAGTGGTAGAT 3
RESULT 1574
US-10-006-856A-454
Sequence 454, Application US/10006856A
Publication No. US20030044841A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleon
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2830P1C14
CURRENT APPLICATION NUMBER: US/10/006,856A
CURRENT FILING DATE: 2002-05-10
NUMBER OF SEQ ID NOS: 477
Prior Application removed - See File Wrapper or Palm
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-856A-454
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 64 CCATGCTGCTAGGCATG 82
DB 1 CCATGCTGCTAGGCATG 19
RESULT 1575
US-10-112-653-122
Sequence 122, Application US/10112653
Publication No. US20030050268A1
GENERAL INFORMATION:
APPLICANT: Kriegl, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060 (AMS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642
PRIOR FILING DATE: 2001-03-29
NUMBER OF SEQ ID NOS: 1040
SOFTWARE: FastSeq for Windows Version 3.0
SEQ ID NO 122
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-122
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 728 CATGAGTTCTTCACCAAG 746
DB 3 CATGAGTTCTTCACCAAG 21
RESULT 1576
US-10-112-653-123/C
Sequence 123, Application US/10112653
Publication No. US20030050268A1
GENERAL INFORMATION:
APPLICANT: Kriegl, Arthur M.
APPLICANT: Berg, Daniel J.
TITLE OF INVENTION: IMMUNOSTIMULATORY NUCLEIC ACID FOR
TREATMENT OF NON-ALLERGIC INFLAMMATORY DISEASES
FILE REFERENCE: C01039/70060 (AMS)
CURRENT APPLICATION NUMBER: US/10/112,653
CURRENT FILING DATE: 2002-03-29
PRIOR APPLICATION NUMBER: US 60/279,642

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; PRIOR FILING DATE: 2001-03-29
; NUMBER OF SEQ ID NOS: 1040
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 123
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Oligonucleotide
US-10-112-653-123
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Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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QY      728 CATGAGTTCTTCACCAAG 746
Db      19 CATGGTTTCTCCACCAAG 1
```

```
RESULT 1577
US-10-006-818A-454
; Sequence 454, Application US/10006818A
; Publication No. US20030054406A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C4
; CURRENT APPLICATION NUMBER: US/10/006,818A
; PRIOR FILING DATE: 2001-12-06
; CURRENT Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-818A-454
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      64 CCATGCTCTGCTAGGCCATG 82
Db      1 CCATGCTCTGCTAGGCCAAG 19
```

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RESULT 1578
US-10-017-995-129
; Sequence 129, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; CURRENT FILING DATE: 2001-12-18
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; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-129
```

```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      728 CATGAGTTCTTCACCAAG 746
Db      3 CATGGTTTCTCCACCAAG 21
```

```
RESULT 1579
US-10-017-995-130/C
; Sequence 130, Application US/10017995
; Publication No. US20030055014A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Bratzler, Robert L.
; TITLE OF INVENTION: Inhibition of Angiogenesis by Nucleic Acids
; FILE REFERENCE: C1037/7025 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/017,995
; PRIOR FILING DATE: 2001-12-18
; PRIOR APPLICATION NUMBER: US 60/255,534
; PRIOR FILING DATE: 2000-12-14
; NUMBER OF SEQ ID NOS: 1093
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-017-995-130
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```
Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY      728 CATGAGTTCTTCACCAAG 746
Db      19 CATGGTTTCTCCACCAAG 1
```

```
RESULT 1580
US-10-023-066A-42/C
; Sequence 42, Application US/10023066A
; Publication No. US20030056242A1
; GENERAL INFORMATION:
```

```
; APPLICANT: E. I. DU PONT DE NEMOURS AND
; COMPANY
; TITLE OF INVENTION: CHIMERIC GENES AND METHODS FOR
; INCREASING THE LYSINE AND
; THREONINE CONTENT OF THE SEEDS OF
; PLANTS
; NUMBER OF SEQUENCES: 107
; CORRESPONDENCE ADDRESS:
; ADDRESSER: E. I. DU PONT DE NEMOURS
; AND COMPANY
; STREET: 1007 MARKET STREET
; CITY: WILMINGTON
; STATE: DELAWARE
; COUNTRY: U.S.A.
; ZIP: 19898
; COMPUTER READABLE FORM:
```

MEDIUM TYPE: FLOPPY DISK
COMPUTER: IBM PC COMPATIBLE
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: MICROSOFT WORD VERSION 2.0C.
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/10/023.066A
FILING DATE: 29-APR-2002
CLASSIFICATION: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: BARBARA C. SIEGELL
REGISTRATION NUMBER: 30,684
REFERENCE/DOCKET NUMBER: BB-1037-C
TELECOMMUNICATION INFORMATION:
TELEPHONE: 302-992-4931
TELEFAX: 302-773-0164
TELEX: 835420
INFORMATION FOR SEQ ID NO: 42:
SEQUENCE CHARACTERISTICS:
LENGTH: 21 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: DNA (genomic)
FEATURE:
NAME/KEY: misc feature
LOCATION: 1..21
OTHER INFORMATION: /product= "synthetic
oligonucleotide"
/standard_name= "SM
87"
SEQUENCE DESCRIPTION: SEQ ID NO: 42:
US-10-023-066A-42
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2802 GAAGAGAAATGAGAG 2820
DB 21 GAAGAGAGAGCTGAAGAG 3
RESULT 1581
US-10-006-485A-454
Sequence 454, Application US/10006485A
Publication No. US20030064062A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleon
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C9
CURRENT APPLICATION NUMBER: US/10/006.485A
CURRENT FILING DATE: 2001-12-06
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750

PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
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PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
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PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099816
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
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PRIOR APPLICATION NUMBER: 60/100584
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PRIOR FILING DATE: 1998-09-16
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PRIOR APPLICATION NUMBER: 60/100662
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100664
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100683
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100684
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100710
PRIOR FILING DATE: 1998-09-17
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PRIOR APPLICATION NUMBER: 60/101068
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101071
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101279
PRIOR FILING DATE: 1998-09-22

PRIOR APPLICATION NUMBER: 60/101471
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101472
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101474
PRIOR FILING DATE: 1998-09-23
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PRIOR FILING DATE: 1998-09-29
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PRIOR FILING DATE: 1998-09-30
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PRIOR FILING DATE: 1998-09-30
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PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395
PRIOR FILING DATE: 1998-10-07
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PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103401
PRIOR FILING DATE: 1998-10-07
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PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257

PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
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PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGTAGCCATG 82
Db 1 CCATGCTGTAGCCATG 19

RESULT 1582

US-10-013-907A-454
Sequence 454, Application US/10013907A
Publication No. US20030064925A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Batton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC34
CURRENT FILING DATE: 2001-12-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-907A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC20
CURRENT APPLICATION NUMBER: US/10/012,121A
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-121A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGGCCCATG 82
DB 1 CCATGCTGCTAGGCCCATG 19

RESULT 1587
US-10-006-116A-454
Sequence 454, Application US/10006116A
Publication No. US20030082626A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Denoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC15
CURRENT APPLICATION NUMBER: US/10/006,116A
CURRENT FILING DATE: 2001-12-16
Prior Application Number: 60/098716
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098723
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098749
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098750
Prior Filing Date: 1998-09-01
Prior Application Number: 60/098803
Prior Filing Date: 1998-09-02
Prior Application Number: 60/098821
Prior Filing Date: 1998-09-02
Prior Application Number: 60/098843
Prior Filing Date: 1998-09-02
Prior Application Number: 60/099536
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099596
Prior Filing Date: 1998-09-09

Prior Application Number: 60/099598
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099602
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099642
Prior Filing Date: 1998-09-09
Prior Application Number: 60/099741
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Prior Application Number: 60/100390
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Prior Filing Date: 1998-09-16
Prior Application Number: 60/100627
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Prior Filing Date: 1998-09-16
Prior Application Number: 60/100662
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Prior Application Number: 60/101071
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Prior Application Number: 60/101279
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Prior Application Number: 60/101471
Prior Filing Date: 1998-09-23
Prior Application Number: 60/101472
Prior Filing Date: 1998-09-23
Prior Application Number: 60/101474
Prior Filing Date: 1998-09-23
Prior Application Number: 60/101475
Prior Filing Date: 1998-09-23
Prior Application Number: 60/101476
Prior Filing Date: 1998-09-23
Prior Application Number: 60/101477

;; PRIOR FILING DATE: 1998-09-23
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;; PRIOR APPLICATION NUMBER: 60/102570
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102571
;; PRIOR FILING DATE: 1998-09-30
;; PRIOR APPLICATION NUMBER: 60/102684
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102687
;; PRIOR FILING DATE: 1998-10-01
;; PRIOR APPLICATION NUMBER: 60/102965
;; PRIOR FILING DATE: 1998-10-02
;; PRIOR APPLICATION NUMBER: 60/103258
;; PRIOR FILING DATE: 1998-10-06
;; PRIOR APPLICATION NUMBER: 60/103314
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103315
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;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103401
;; PRIOR FILING DATE: 1998-10-07
;; PRIOR APPLICATION NUMBER: 60/103449
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;; PRIOR FILING DATE: 1998-10-22
;; PRIOR APPLICATION NUMBER: 60/105633
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;; PRIOR APPLICATION NUMBER: 60/106023
;; PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCAG 19

RESULT 1588
US-10-006-117A-454
; Sequence 454, Application US/10006117A
; Publication No. US20030082627A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C13
; CURRENT APPLICATION NUMBER: US/10/006,117A
; CURRENT FILING DATE: 2002-03-19
; Prior Application removed - See File Wrapper or Palm
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-117A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCAG 19

RESULT 1589
US-10-017-527A-454
; Sequence 454, Application US/10017527A
; Publication No. US20030082628A1
; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Peoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C63
CURRENT APPLICATION NUMBER: US/10/017,527A
CURRENT FILING DATE: 2001-12-13
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
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PRIOR FILING DATE: 1998-09-17
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PRIOR FILING DATE: 1998-09-17
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PRIOR FILING DATE: 1998-09-18
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PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965


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; PRIOR FILING DATE: 1998-10-02
; PRIOR APPLICATION NUMBER: 60/103258
; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103314
; PRIOR FILING DATE: 1998-10-07
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; PRIOR APPLICATION NUMBER: 60/105807
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; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      64 CCATGCTGCTAGGCCATG 82
      |||||
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1590
US-10-090-011-33
; Sequence 33, Application US/10090011
; Publication No. US20030082810A1
; GENERAL INFORMATION:
; APPLICANT: Serup, Palle
; APPLICANT: Heimborg, Harry
; APPLICANT: Grawohl, Gerard
; TITLE OF INVENTION: Methods For Generating Insulin-Secreting
; FILE REFERENCE: 6246.200-US
; CURRENT APPLICATION NUMBER: US/10/090,011
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; CURRENT FILING DATE: 2002-02-26
; PRIOR APPLICATION NUMBER: US 60/271,474
; PRIOR FILING DATE: 2001-02-26
; NUMBER OF SEQ ID NOS: 70
; SOFTWARE: FASTSEQ for Windows Version 4.0
; SEQ ID NO 33
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapien
US-10-090-011-33

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      1672 TGCAGCAGATGAGACAA 1690
      |||||
Db      1 TGCAGCAGATGAGACTACAA 19

RESULT 1591
US-10-013-913A-454
; Sequence 454, Application US/10013913A
; Publication No. US20030083462A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Borstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C40
; CURRENT APPLICATION NUMBER: US/10/013,913A
; CURRENT FILING DATE: 2002-07-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-913A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy      64 CCATGCTGCTAGGCCATG 82
      |||||
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1592
US-10-014-318-8/c
; Sequence 8, Application US/10014318
; Publication No. US20030091986A1
; GENERAL INFORMATION:
; APPLICANT: Pallavicini, Maria G.
; APPLICANT: Mullaney, Brian P.
; TITLE OF INVENTION: The Regents of the University of California
; FILE REFERENCE: 023070-120900US
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; CURRENT APPLICATION NUMBER: US/10/014,318
; CURRENT FILING DATE: 2002-05-31
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 8
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: PCR primer
; OTHER INFORMATION: SfiSeq3 flanking cloning site
US-10-014-318-8

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      32 ACCGCCGCGAGAGAACCCAC 50
Db      19 ACCGCCGCGAGAACCAAAAC 1

RESULT 1593
US-10-007-194A-454
; Sequence 454, Application US/10007194A
; Publication No. US20030092061A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C3
; CURRENT APPLICATION NUMBER: US/10/007,194A
; CURRENT FILING DATE: 2002-06-25
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
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; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
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; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
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; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
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; PRIOR FILING DATE: 1998-09-24
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PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881

PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3

OY 64 CCATGCTGCTGAGCCATG 82
Db 1 CCATGCTGCTGAGCCAG 19

RESULT 1594
US-10-151-320-26
Sequence 26, Application US/10151320
Publication No. US20030092114A1
GENERAL INFORMATION:
APPLICANT: Lucine, Ralf M.
TITLE OF INVENTION: DSP-18 DUAL-SPECIFICITY PHOSPHATASE
FILE REFERENCE: 200125.436
CURRENT APPLICATION NUMBER: US/10/151.320
CURRENT FILING DATE: 2002-05-16
NUMBER OF SEQ ID NOS: 42
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 26
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Oligonucleotide primer used for PCR.
US-10-151-320-26

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3

OY 2772 AGCTGCTTGAGAGTTTGG 2790
Db 3 AGCAGCTTGAGAGTTTGG 21

RESULT 1595
US-10-013-430A-454
Sequence 454, Application US/10013430A
Publication No. US20030092883A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same
FILE REFERENCE: P2830P1C31
CURRENT APPLICATION NUMBER: US/10/013.430A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21

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: TYPE: DNA
: ORGANISM: Artificial Sequence
: FEATURE:
: OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-430A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred.No.1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0.

Oy      64 CCATGCTGTGATGACCATG 82
          |||||  |||||
Db      1 CCATGCTGTGTCAGCCCAAG 19

RESULT 1596
US-10-011-671A-454
: Sequence 454, Application US/10011671A
: Publication No. US2003009654A1
: GENERAL INFORMATION:
: APPLICANT: Baker, Kevin P.
: APPLICANT: Botstein, David
: APPLICANT: Desnoyers, Luc
: APPLICANT: Eaton, Dan L.
: APPLICANT: Ferrara, Napoleone
: APPLICANT: Fong, Sherman
: APPLICANT: Gao, Wei-Qiang
: APPLICANT: Goddard, Audrey
: APPLICANT: Godowski, Paul J.
: APPLICANT: Grimaldi, Christopher J.
: APPLICANT: Gunney, Austin L.
: APPLICANT: Hillan, Kenneth J.
: APPLICANT: Pan, James
: APPLICANT: Paoni, Nicholas F.
: TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
: FILE REFERENCE: P2830P1C27
: CURRENT APPLICATION NUMBER: US/10/011,671A
: CURRENT FILING DATE: 2002-06-10
: PRIOR APPLICATION NUMBER: 60/098716
: PRIOR FILING DATE: 1998-09-01
: PRIOR APPLICATION NUMBER: 60/098723
: PRIOR FILING DATE: 1998-09-01
: PRIOR APPLICATION NUMBER: 60/098749
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: PRIOR APPLICATION NUMBER: 60/098750
: PRIOR FILING DATE: 1998-09-01
: PRIOR APPLICATION NUMBER: 60/098803
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: PRIOR APPLICATION NUMBER: 60/098821
: PRIOR FILING DATE: 1998-09-02
: PRIOR APPLICATION NUMBER: 60/098843
: PRIOR FILING DATE: 1998-09-02
: PRIOR APPLICATION NUMBER: 60/099536
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: PRIOR FILING DATE: 1998-09-10
: PRIOR APPLICATION NUMBER: 60/099754
: PRIOR FILING DATE: 1998-09-10
: PRIOR APPLICATION NUMBER: 60/099763
: PRIOR FILING DATE: 1998-09-10
: PRIOR APPLICATION NUMBER: 60/099792
: PRIOR FILING DATE: 1998-09-10
: PRIOR APPLICATION NUMBER: 60/099808
: PRIOR FILING DATE: 1998-09-10

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1	PRIOR	APPLICATION	NUMBER: 60/09398112
2	PRIOR	FILING DATE: 1998-09-10	
3	PRIOR	APPLICATION NUMBER: 60/0939815	
4	PRIOR	FILING DATE: 1998-09-10	
5	PRIOR	APPLICATION NUMBER: 60/0939816	
6	PRIOR	FILING DATE: 1998-09-10	
7	PRIOR	APPLICATION NUMBER: 60/100385	
8	PRIOR	FILING DATE: 1998-09-15	
9	PRIOR	APPLICATION NUMBER: 60/1003868	
10	PRIOR	FILING DATE: 1998-09-15	
11	PRIOR	APPLICATION NUMBER: 60/100390	
12	PRIOR	FILING DATE: 1998-09-15	
13	PRIOR	APPLICATION NUMBER: 60/100584	
14	PRIOR	FILING DATE: 1998-09-16	
15	PRIOR	APPLICATION NUMBER: 60/100662	
16	PRIOR	FILING DATE: 1998-09-16	
17	PRIOR	APPLICATION NUMBER: 60/100664	
18	PRIOR	FILING DATE: 1998-09-16	
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22	PRIOR	FILING DATE: 1998-09-17	
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26	PRIOR	FILING DATE: 1998-09-17	
27	PRIOR	APPLICATION NUMBER: 60/100848	
28	PRIOR	FILING DATE: 1998-09-18	
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30	PRIOR	FILING DATE: 1998-09-18	
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32	PRIOR	FILING DATE: 1998-09-17	
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34	PRIOR	FILING DATE: 1998-09-17	
35	PRIOR	APPLICATION NUMBER: 60/101014	
36	PRIOR	FILING DATE: 1998-09-18	
37	PRIOR	APPLICATION NUMBER: 60/10106668	
38	PRIOR	FILING DATE: 1998-09-18	
39	PRIOR	APPLICATION NUMBER: 60/101071	
40	PRIOR	FILING DATE: 1998-09-18	
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44	PRIOR	FILING DATE: 1998-09-23	
45	PRIOR	APPLICATION NUMBER: 60/101472	
46	PRIOR	FILING DATE: 1998-09-23	
47	PRIOR	APPLICATION NUMBER: 60/101474	
48	PRIOR	FILING DATE: 1998-09-23	
49	PRIOR	APPLICATION NUMBER: 60/101475	
50	PRIOR	FILING DATE: 1998-09-23	
51	PRIOR	APPLICATION NUMBER: 60/101476	
52	PRIOR	FILING DATE: 1998-09-23	
53	PRIOR	APPLICATION NUMBER: 60/101477	
54	PRIOR	FILING DATE: 1998-09-23	
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56	PRIOR	FILING DATE: 1998-09-23	
57	PRIOR	APPLICATION NUMBER: 60/101738	
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59	PRIOR	APPLICATION NUMBER: 60/101741	
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62	PRIOR	FILING DATE: 1998-09-24	
63	PRIOR	APPLICATION NUMBER: 60/101915	
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66	PRIOR	FILING DATE: 1998-09-24	
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PRIOR FILING DATE: 1998-09-29
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PRIOR FILING DATE: 1998-10-20
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PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
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PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
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PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 64 CCATGCTGCTAGGCCATG 82
Db 1 CCATGCTGCTAGGCCAAG 19

RESULT 1597
US-10-012-755A-454
Sequence 454, Application US/10012755A
Publication No. US20030096955A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC28
CURRENT APPLICATION NUMBER: US/10/012,755A
CURRENT FILING DATE: 2002-06-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-755A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 64 CCATGCTGCTAGGCCATG 82
Db 1 CCATGCTGCTAGGCCAAG 19

RESULT 1598
US-10-015-386A-454
Sequence 454, Application US/10015386A
Publication No. US2003009625A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC55

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; CURRENT APPLICATION NUMBER: US/10/015,386A
; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-386A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGTGCTAGCCCATG 82
Db      1 CCATGCTGTGCTAGCCCATG 19

RESULT 1599
US-10-096-255-28
; Sequence 28, Application US/10096255
; Publication No. US20030103974A1
; GENERAL INFORMATION:
; APPLICANT: Levy, Gary
; APPLICANT: Clark, David A.
; TITLE OF INVENTION: Methods of Modulating Immune Coagulation
; FILE REFERENCE: 9579-52
; CURRENT APPLICATION NUMBER: US/10/096,255
; PRIOR FILING DATE: 2002-03-13
; PRIOR APPLICATION NUMBER: US 60/046,537
; PRIOR FILING DATE: 1997-05-17
; PRIOR APPLICATION NUMBER: US 60/061,684
; PRIOR FILING DATE: 1997-10-10
; NUMBER OF SEQ ID NOS: 53
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 28
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Primer
US-10-096-255-28

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4645 CTTAGAGCTGAAGCTC 4663
Db      1 CTTGCGAGCTGATAGTC 19

RESULT 1600
US-10-275-556-3/c
; Sequence 3, Application US/10275556
; Publication No. US20030108933A1
; GENERAL INFORMATION:
; APPLICANT: Merck Patent GmbH
; TITLE OF INVENTION: Serine-threonine kinase-3 (htesk-3)
; FILE REFERENCE: htsk3BSWS
; CURRENT APPLICATION NUMBER: US/10/275,556
; CURRENT FILING DATE: 2002-11-07
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Primer 1
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US-10-275-556-3

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3376 GCAGGGAGAAAGTCTCC 3394
Db      21 GGAGACAGAAAGTCTCC 3

RESULT 1601
US-10-011-692A-454
; Sequence 454, Application US/10011692A
; Publication No. US20030109672A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C30
; CURRENT APPLICATION NUMBER: US/10/011,692A
; CURRENT FILING DATE: 2001-12-07
; Prior Application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-692A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGTGCTAGCCCATG 82
Db      1 CCATGCTGTGCTAGCCCATG 19

RESULT 1602
US-10-006-768A-454
; Sequence 454, Application US/10006768A
; Publication No. US20030113793A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
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; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C10
; CURRENT APPLICATION NUMBER: US/10/006,768A
; NUMBER OF SEQ ID NOS: 477
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-768A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCGCTGAGGCGCATG 82
Db      1 CCATGCTGCTCAGCCAG 19

RESULT 1603
US-10-017-610A-454
; Sequence 454, Application US/10017610A
; Publication No. US20030113795A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Pasoni, Nicholas P.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TIME OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C64
; CURRENT APPLICATION NUMBER: US/10/017,610A
; PRIOR FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
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PRIOR APPLICATION NUMBER: 60/101743
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915
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PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
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PRIOR APPLICATION NUMBER: 60/105266
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PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807

PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Db 64 CCATGCGCTGCTAGCCCATG 82
1 CCATGCGCTGCTAGCCCAAG 19
RESULT 1604
US-10-006-063A-454
Sequence 454, Application US/10006063A
Publication No. US20030114652A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C3
CURRENT APPLICATION NUMBER: US/10/006,063A
CURRENT FILING DATE: 2002-03-15
Prior Application removed - See file wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-063A-454
Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Db 64 CCATGCGCTGCTAGCCCATG 82
1 CCATGCGCTGCTAGCCCAAG 19
RESULT 1605
US-10-020-063A-454
Sequence 454, Application US/10020063A
Publication No. US20030119097A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey


```

; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C65
; CURRENT APPLICATION NUMBER: US/10/020,063A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-020-063A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. NO. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGTCTAGGCCATG 82
Db      1 CCATGCTGTCTAGGCCAAG 19

RESULT 1606
US-10-015-391A-454
; Sequence 454, Application US/10015391A
; Publication No. US20030120053A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Godard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Pan, James
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C59
; CURRENT APPLICATION NUMBER: US/10/015,391A
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; CURRENT FILING DATE: 2001-12-12
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-391A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. NO. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGTCTAGGCCATG 82
Db      1 CCATGCTGTCTAGGCCAAG 19

RESULT 1607
US-10-017-407A-454
; Sequence 454, Application US/10017407A
; Publication No. US20030125535A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Godard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Pan, James
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C61
; CURRENT APPLICATION NUMBER: US/10/017,407A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-407A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. NO. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGTCTAGGCCATG 82
Db      1 CCATGCTGTCTAGGCCAAG 19

RESULT 1608
US-10-011-833A-454
; Sequence 454, Application US/10011833A
; Publication No. US20030129650A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
```

```

; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C22
; CURRENT APPLICATION NUMBER: US/10/011,833A
; PRIOR APPLICATION DATE: 2002-06-25
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-833A-454
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      64 CCATGCTGTAGGCGCATG 82
      |||||
Db      1 CCATGCTGTCTCAGCCAG 19
```

```

RESULT 1609
; Sequence 454, Application US/10006041A
; Publication No. US20030130490A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C8
; CURRENT APPLICATION NUMBER: US/10/006,041A
; PRIOR APPLICATION DATE: 2001-12-06
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-041A-454
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      64 CCATGCTGTAGGCGCATG 82
      |||||
      |||||
```

```
Db      1 CCATGCTGTCTCAGCCAG 19
```

```

RESULT 1610
; Sequence 454, Application US/10015822A
; Publication No. US20030130491A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C38
; CURRENT APPLICATION NUMBER: US/10/015,822A
; PRIOR APPLICATION DATE: 2002-06-10
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-822A-454
```

```

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY      64 CCATGCTGTAGGCGCATG 82
      |||||
Db      1 CCATGCTGTCTCAGCCAG 19
```

```

RESULT 1611
; Sequence 454, Application US/10015387A
; Publication No. US20030135034A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C54
; CURRENT APPLICATION NUMBER: US/10/015,387A
; PRIOR APPLICATION DATE: 2001-12-12
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
```

LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-387A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCGCTGCTAGGCCAG 82
DB 1 CCATGCGCTGCTAGGCCAG 19

RESULT 1612
US-10-006-130A-454
Sequence 454, Application US/10006130A
Publication No. US20030148375A1

GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C7
CURRENT APPLICATION NUMBER: US/10/006.130A
CURRENT FILING DATE: 2002-03-19
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-006-130A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCGCTGCTAGGCCAG 82
DB 1 CCATGCGCTGCTAGGCCAG 19

RESULT 1613
US-10-306-686-41/c
Sequence 41, Application US/10306686
Publication No. US20030148460A1
GENERAL INFORMATION:
APPLICANT: CANFIELD, WILLIAM
TITLE OF INVENTION: PHOSPHODIESTER ALPHA-GLUCANASE OF THE LYSOSOMAL TARGETING PATHWAY
FILE REFERENCE: 230397US77DIV
CURRENT APPLICATION NUMBER: US/10/306.686
CURRENT FILING DATE: 2002-11-29
PRIOR APPLICATION NUMBER: 09/636,596
PRIOR FILING DATE: 2000-08-10
PRIOR APPLICATION NUMBER: 60/153,831
PRIOR FILING DATE: 1999-08-14

NUMBER OF SEQ ID NOS: 52
SOFTWARE: PatentIn version 3.1
SEQ ID NO 41
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic DNA
NAME/KEY: misc_feature
OTHER INFORMATION: Description of Artificial Sequence: synthetic DNA
US-10-306-686-41

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1286 CACATGCTGCTCAGCTC 1304
DB 20 CACATGCTGCTCAGCTC 2

RESULT 1614
US-10-184-085A-18/c
Sequence 18, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: PatsSeq for Windows Version 4.0
SEQ ID NO 18
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-18

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4577 GTGCTGTTGGAGGGGTG 4595
DB 20 GTGCTGTTGGAGGGGTG 2

RESULT 1615
US-10-184-085A-89/c
Sequence 89, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: PatsSeq for Windows Version 4.0
SEQ ID NO 89
LENGTH: 21

TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-89

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4577 GTGTGTTTCGAGGGGTG 4595
|||||
DB 21 GTGTGATTGAGTGGGTG 3

RESULT 1616
US-10-184-085A-90/c
Sequence 90, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 90
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-90

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4577 GTGTGTTTCGAGGGGTG 4595
|||||
DB 20 GTGTGATTGAGTGGGTG 2

RESULT 1617
US-10-184-085A-126/c
Sequence 126, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 126
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-126

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4577 GTGTGTTTCGAGGGGTG 4595

DB 20 GTGTGATTGAGTGGGTG 2
|||||

RESULT 1618
US-10-184-085A-127/c
Sequence 127, Application US/10184085A
Publication No. US20030152950A1
GENERAL INFORMATION:
APPLICANT: Garner, Harold R.
APPLICANT: Minna, John D.
APPLICANT: Luebke, Kevin, J.
APPLICANT: Balog, Robert P.
TITLE OF INVENTION: Identification of Chemically Modified Polymers
FILE REFERENCE: 119929-1035
CURRENT APPLICATION NUMBER: US/10/184,085A
CURRENT FILING DATE: 2002-10-01
PRIOR APPLICATION NUMBER: US 60/301,370
PRIOR FILING DATE: 2001-06-27
NUMBER OF SEQ ID NOS: 1291
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 127
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-184-085A-127

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4577 GTGTGTTTCGAGGGGTG 4595
|||||
DB 19 GTGTGATTGAGTGGGTG 1

RESULT 1619
US-10-006-172A-454
Sequence 454, Application US/10006172A
Publication No. US20030153000A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Guiney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OR INVENTION: Acids Encoding the Same
FILE REFERENCE: P2830P1C11
CURRENT APPLICATION NUMBER: US/10/006,172A
CURRENT FILING DATE: 2002-03-19
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843


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; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28

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Query Match 0.3%; Score 14.2; DB 1; Length 21;
 Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 64 CCATGCTGCTAGCCATG 82
 Db 1 CCATGCTGCTAGCCAG 19

RESULT 1620
 US-10-017-253A-454

; Sequence 454, Application US/10017253A
 ; Publication No. US20030166055A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P1C62

; CURRENT APPLICATION NUMBER: US/10/017,253A

; PRIOR FILING DATE: 2001-12-13
 ; PRIOR APPLICATION NUMBER: 60/098716
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098723
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098749
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098750
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098803
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098821
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098843
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/099536
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099596
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099598
 ; PRIOR FILING DATE: 1998-09-09

; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 454
 ; LENGTH: 21
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-017-253A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
 Best Local Similarity 84.2%; Pred. No. 1e+03;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 64 CCATGCTGCTAGCCATG 82
 Db 1 CCATGCTGCTAGCCAG 19

RESULT 1621

US-10-015-392A-454

; Sequence 454, Application US/10015392A
 ; Publication No. US20030166901A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
 ; APPLICANT: Botstein, David
 ; APPLICANT: Desnoyers, Luc
 ; APPLICANT: Eaton, Dan I.
 ; APPLICANT: Ferrara, Napoleone
 ; APPLICANT: Fong, Sherman
 ; APPLICANT: Gao, Wei-Qiang
 ; APPLICANT: Goddard, Audrey
 ; APPLICANT: Godowski, Paul J.
 ; APPLICANT: Grimaldi, Christopher J.
 ; APPLICANT: Gurney, Austin L.
 ; APPLICANT: Hillan, Kenneth J.
 ; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
 ; FILE REFERENCE: P2830P1C58

; CURRENT APPLICATION NUMBER: US/10/015,392A

; PRIOR FILING DATE: 2001-12-12
 ; PRIOR APPLICATION NUMBER: 60/098716
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098723
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098749
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098750
 ; PRIOR FILING DATE: 1998-09-01
 ; PRIOR APPLICATION NUMBER: 60/098803
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098821
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/098843
 ; PRIOR FILING DATE: 1998-09-02
 ; PRIOR APPLICATION NUMBER: 60/099536
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099596
 ; PRIOR FILING DATE: 1998-09-09
 ; PRIOR APPLICATION NUMBER: 60/099598
 ; PRIOR FILING DATE: 1998-09-09
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 477
 ; SEQ ID NO 454
 ; LENGTH: 21
 ; TYPE: DNA
 ; ORGANISM: Artificial Sequence
 ; FEATURE:
 ; OTHER INFORMATION: Synthetic oligonucleotide probe
 US-10-015-392A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCCAAG 19

RESULT 1622

US-10-017-306A-454
; Sequence 454, Application US/10017306A
; Publication No. US20030170718A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C66
; CURRENT APPLICATION NUMBER: US/10/017,306A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-017-306A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCCAAG 19

RESULT 1623

US-10-025-145A-62
; Sequence 62, Application US/10025145A
; Publication No. US20030175861A1
; GENERAL INFORMATION:
; APPLICANT: Croteau, Rodney B.
; APPLICANT: Bohlmann, Joerg
; APPLICANT: Steele, Christopher L.
; APPLICANT: Phillips, Michael A.
; TITLE OF INVENTION: Monoterpene Synthases from Grand Fir (Abies Grandis)
; FILE REFERENCE: WSUR118414
; CURRENT APPLICATION NUMBER: US/10/025,145A
; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/360,545
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: PCT/US98/14528
; PRIOR FILING DATE: 1998-07-10
; PRIOR APPLICATION NUMBER: US 60/052,249
; PRIOR FILING DATE: 1997-07-11
; NUMBER OF SEQ ID NOS: 107
; SOFTWARE: PatentIn version 3.1

; SEQ ID NO 62
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE: Oligonucleotide Corresponding to Conserved Amino Acid Sequence S
; OTHER INFORMATION: t Forth in SEQ ID NO:51
US-10-025-145A-62

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1885 AGGAGTGGCTGAGATCCT 1903
Db 2 AGGAGTGGCTGAGATCCT 20

RESULT 1624

US-10-017-867A-454
; Sequence 454, Application US/10017867A
; Publication No. US20030180792A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C60
; CURRENT APPLICATION NUMBER: US/10/017,867A
; CURRENT FILING DATE: 2001-12-13
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099602
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099642
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099741
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099754
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099763
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099792

[illegible]

PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGGCCATG 82
DB 1 CCATGCTGCTAGGCCAAG 19

RESULT 1625

US-10-012-064A-454
; Sequence 454, Application US/10012064A
; Publication No. US20030180836A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas P.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C19
; CURRENT FILING DATE: 2002-07-15
; PRIOR APPLICATION NUMBER: US/10/012.064A
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-064A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGGCCATG 82
DB 1 CCATGCTGCTAGGCCAAG 19

RESULT 1626

US-10-032-585-5292/c
; Sequence 5292, Application US/10032585
; Publication No. US20030180953A1
; GENERAL INFORMATION:
; APPLICANT: Terry, Roemer D.
; APPLICANT: Bo, Jiang
; APPLICANT: Charles, Boone
; APPLICANT: Howard, Bussey
; TITLE OF INVENTION: Gene Disruption Methodologies for Drug Target Discovery
; FILE REFERENCE: 10182-005-999
; CURRENT APPLICATION NUMBER: US/10/032.585
; CURRENT FILING DATE: 2001-12-20
; NUMBER OF SEQ ID NOS: 8000
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5292
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Candida albicans
US-10-032-585-5292

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2839 TGCTGAAGCTTGCTGAGC 2857
DB 21 TGCTGAAGCTTGCTGATAC 3

RESULT 1627

US-10-084-839-3651/c
; Sequence 3651, Application US/10084839
; Publication No. US20030186238A1
; GENERAL INFORMATION:
; APPLICANT: Third Wave Technologies
; APPLICANT: Allawi, Hatim
; APPLICANT: Argue, Brad T.
; APPLICANT: Bartholomay, Christian T.
; APPLICANT: Chehak, LuAnne
; APPLICANT: Curtis, Michelle L.
; APPLICANT: Eis, Peggy S.
; APPLICANT: Hall, Jeff G.
; APPLICANT: IP, Hon S.
; APPLICANT: Ji, Lin
; APPLICANT: Kaiser, Michael
; APPLICANT: Kwiatkowski, Jr., Robert W.
; APPLICANT: Lukowiak, Andrew A.
; APPLICANT: Lyamachev, Victor
; APPLICANT: Lyamacheva, Natalie E.
; APPLICANT: Ma, Wupo
; APPLICANT: Neri, Bruce P.
; APPLICANT: Olson, Sarah M.
; APPLICANT: Olson-Munoz, Marilyn C.
; APPLICANT: Schaefer, James J.
; APPLICANT: Skrzypczynski, Zbigniew
; APPLICANT: Takova, Tsetska Y.
; APPLICANT: Thompson, Lisa C.
; APPLICANT: Vedvik, Kevin L.
; TITLE OF INVENTION: RNA Detection Assays
; FILE REFERENCE: PORS-06666
; CURRENT APPLICATION NUMBER: US/10/084.839
; CURRENT FILING DATE: 2002-02-26
; NUMBER OF SEQ ID NOS: 4004
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 3651
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-084-839-3651


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FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-610A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
      |||||
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1631
US-10-012-137A-454
; Sequence 454, Application US/10012137A
; Publication No. US20030187189A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C29
; CURRENT APPLICATION NUMBER: US/10/012.137A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-137A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
      |||||
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1632
US-10-012-752A-454
; Sequence 454, Application US/10012752A
; Publication No. US20030187190A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
```

```
APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C24
; CURRENT APPLICATION NUMBER: US/10/012.752A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-752A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
      |||||
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1633
US-10-012-754A-454
; Sequence 454, Application US/10012754A
; Publication No. US20030187191A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C18
; CURRENT APPLICATION NUMBER: US/10/012.754A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-754A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
      |||||
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1634
US-10-013-910A-454
; Sequence 454, Application US/10013910A
; Publication No. US20030187192A1
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GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C3
CURRENT APPLICATION NUMBER: US/10/013,910A
PRIOR FILING DATE: 2002-06-25
PRIOR APPLICATION REMOVED - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURES:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-910A-454

Query Match      0.3%  Score 14.2;  DB 1;  Length 21;
Best Local Similarity 84.2%;  Pred. No. 1e+03;
Matches 16;  Conservative 0;  Mismatches 3;  Indels 0;  Gaps 0;

Qy      64  CCATGCTGCTAGGCCATG  82
Db      1  CCATGCTGCTAGGCCAAG  19

RESULT 1635
US-10-013-911A-454
Sequence 454, Application US/10013911A
Publication No. US20030187193A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C3
CURRENT APPLICATION NUMBER: US/10/013,911A
PRIOR FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
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PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099602
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099642
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099741
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099754
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099763
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099792
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099808
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812
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PRIOR APPLICATION NUMBER: 60/099815
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PRIOR APPLICATION NUMBER: 60/099816
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100388
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100584
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
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PRIOR FILING DATE: 1998-09-16
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PRIOR FILING DATE: 1998-09-17
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PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100710
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100711
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PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100849
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/100930
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101014
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101068
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101071
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/101279
PRIOR FILING DATE: 1998-09-22
PRIOR APPLICATION NUMBER: 60/101471
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101472
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PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101474
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101475
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101476
PRIOR FILING DATE: 1998-09-23
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PRIOR APPLICATION NUMBER: 60/101479
PRIOR FILING DATE: 1998-09-23
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PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101743
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101915
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/102207
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102240
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102307
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PRIOR APPLICATION NUMBER: 60/102330
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102331
PRIOR FILING DATE: 1998-09-29
PRIOR APPLICATION NUMBER: 60/102484
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102487
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102570
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102571
PRIOR FILING DATE: 1998-09-30
PRIOR APPLICATION NUMBER: 60/102684
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102687
PRIOR FILING DATE: 1998-10-01
PRIOR APPLICATION NUMBER: 60/102965
PRIOR FILING DATE: 1998-10-02
PRIOR APPLICATION NUMBER: 60/103258
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103314
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103315
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103328
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103395
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103396
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103401
PRIOR FILING DATE: 1998-10-07
PRIOR APPLICATION NUMBER: 60/103449
PRIOR FILING DATE: 1998-10-06
PRIOR APPLICATION NUMBER: 60/103633
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20

PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCATG 82
Db 1 CCATGCTGCTAGCCATG 19
|||||

RESULT 1636
US-10-013-912A-454
Sequence 454, Application US/10013912A
Publication No. US20030187194A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OR INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC32
CURRENT APPLICATION NUMBER: US/10/013,912A
CURRENT FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596

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; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-912A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1637
US-10-015-653A-454
; Sequence 454, Application US/10015653A
; Publication No. US20030187195A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Peoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C63
; CURRENT APPLICATION NUMBER: US/10/015,653A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-653A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
Db      1 CCATGCTGCTAGGCCAAG 19
```

```
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Peoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C6
; CURRENT APPLICATION NUMBER: US/10/012,101B
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-101B-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      64 CCATGCTGCTAGGCCATG 82
Db      1 CCATGCTGCTAGGCCAAG 19

RESULT 1639
US-10-091-281-204
; Sequence 204, Application US/10091281
; Publication No. US20030190617A1
; GENERAL INFORMATION:
; APPLICANT: RAYMOND, VINCENT
; APPLICANT: SI, ERWIN
; APPLICANT: MORISSETTE, JEAN
; TITLE OF INVENTION: OPTINEURIN NUCLEIC ACID MOLECULES AND USES THEREOF
; FILE REFERENCE: 13587.338
; CURRENT APPLICATION NUMBER: US/10/091,281
; CURRENT FILING DATE: 2002-03-06
; NUMBER OF SEQ ID NOS: 463
; SOFTWARE: Patentn Ver. 2.1
; SEQ ID NO 204
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: Putative XSEC/STAF.02 motif
US-10-091-281-204

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      1143 CTGACCACTGCTCTGCA 1161
Db      2 CTGCCACACTGCTCTACA 20

RESULT 1640
US-10-015-480A-454
; Sequence 454, Application US/10015480A
; Publication No. US2003019067A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
```

```
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC50
CURRENT APPLICATION NUMBER: US/10/015,480A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-480A-454
```

```
Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 64 CCATGCTGCTAGCCCATG 82
DB 1 CCATGCTGCTAGCCCAAG 19
```

```
RESULT 1641
US-10-015-715A-454
Sequence 454, Application US/10015715A
Publication No. US2003019066A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC56
CURRENT APPLICATION NUMBER: US/10/015,715A
CURRENT FILING DATE: 2002-06-25
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-715A-454
```

```
Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
```

```
QY 64 CCATGCTGCTAGCCCATG 82
DB 1 CCATGCTGCTAGCCCAAG 19
```

```
RESULT 1642
US-10-012-237A-454
Sequence 454, Application US/10012237A
Publication No. US20030191281A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC21
CURRENT APPLICATION NUMBER: US/10/012,237A
CURRENT FILING DATE: 2002-06-10
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 454
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-237A-454
```

```
Query Match
Best Local Similarity 84.2%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
QY 64 CCATGCTGCTAGCCCATG 82
DB 1 CCATGCTGCTAGCCCAAG 19
```

```
RESULT 1643
US-10-013-906A-454
Sequence 454, Application US/10013906A
Publication No. US20030191282A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830PIC36
CURRENT APPLICATION NUMBER: US/10/013,906A
CURRENT FILING DATE: 2002-06-10
```


PRIOR APPLICATION NUMBER: 60/103678
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103679
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/103711
PRIOR FILING DATE: 1998-10-08
PRIOR APPLICATION NUMBER: 60/104257
PRIOR FILING DATE: 1998-10-14
PRIOR APPLICATION NUMBER: 60/104987
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105000
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105002
PRIOR FILING DATE: 1998-10-20
PRIOR APPLICATION NUMBER: 60/105104
PRIOR FILING DATE: 1998-10-21
PRIOR APPLICATION NUMBER: 60/105169
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105266
PRIOR FILING DATE: 1998-10-22
PRIOR APPLICATION NUMBER: 60/105693
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105694
PRIOR FILING DATE: 1998-10-26
PRIOR APPLICATION NUMBER: 60/105807
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105881
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/105882
PRIOR FILING DATE: 1998-10-27
PRIOR APPLICATION NUMBER: 60/106023
PRIOR FILING DATE: 1998-10-28

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

OY 64 CCATGCTGCTCAGGCCATG 82
Db 1 CCATGCTGCTCAGGCCAAG 19

RESULT 1644

US-10-015-388A-454
Sequence 454, Application US/10015388A
Publication No. US20030191299A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David

APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan I.

APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey

APPLICANT: Grimaldi, Paul J.
APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

FILE REFERENCE: P2830P1C44

CURRENT APPLICATION NUMBER: US/10/015.388A

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 454

LENGTH: 21

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-388A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

OY 64 CCATGCTGCTCAGGCCATG 82
Db 1 CCATGCTGCTCAGGCCAAG 19

RESULT 1645

US-10-012-753A-454
Sequence 454, Application US/10012753A
Publication No. US2003019534A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David

APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan I.

APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey

APPLICANT: Grimaldi, Paul J.
APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
Acids Encoding the Same

FILE REFERENCE: P2830P1C17

CURRENT APPLICATION NUMBER: US/10/012.753A

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 477

SEQ ID NO 454

LENGTH: 21

TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-753A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;
Matches 16; Conservative 0; Mismatches 0;

OY 64 CCATGCTGCTCAGGCCATG 82
Db 1 CCATGCTGCTCAGGCCAAG 19

RESULT 1646

US-10-015-385A-454
Sequence 454, Application US/10015385A
Publication No. US20030195347A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David

APPLICANT: Deenoyers, Luc
APPLICANT: Eaton, Dan I.

APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey

APPLICANT: Grimaldi, Paul J.
APPLICANT: Grimaldi, Christopher J.

APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.

APPLICANT: Pan, James

```

; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C51
; CURRENT APPLICATION NUMBER: US/10/015,385A
; CURRENT FILING DATE: 2002-07-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-385A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGCTAGGCCCATG 82
Db      1 CCATGCTGCTAGGCCCAAG 19

RESULT 1647
US-10-007-236A-454
; Sequence 454, Application US/10007236A
; Publication No. US20030198993A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C12
; CURRENT APPLICATION NUMBER: US/10/007,236A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-007-236A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGCTAGGCCCATG 82
Db      1 CCATGCTGCTAGGCCCAAG 19

RESULT 1648
US-10-015-389A-454
; Sequence 454, Application US/10015389A
; Publication No. US20030199675A1
; GENERAL INFORMATION:
```

```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C48
; CURRENT APPLICATION NUMBER: US/10/015,389A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-389A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      64 CCATGCTGCTAGGCCCATG 82
Db      1 CCATGCTGCTAGGCCCAAG 19

RESULT 1649
US-10-015-519A-454
; Sequence 454, Application US/10015519A
; Publication No. US20030203401A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C49
; CURRENT APPLICATION NUMBER: US/10/015,519A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-519A-454

Query Match      0.3%; Score 14.2; DB 1; Length 21;
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Best Local Similarity 84.2%; Pred. No. 1e+03; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 64 CCATGCTGCTAGGCCATG 82
|||||
Db 1 CCATGCTGCTAGGCCAAG 19

RESULT 1650

US-10-013-915A-454
; Sequence 454, Application US/10013915A
; Publication No. US20030204053A1
; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C37
; CURRENT APPLICATION NUMBER: US/10/013,915A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-013-915A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 64 CCATGCTGCTAGGCCATG 82
|||||
Db 1 CCATGCTGCTAGGCCAAG 19

RESULT 1651

US-10-015-394A-454
; Sequence 454, Application US/10015394A
; Publication No. US20030204054A1
; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnoyers, Luc
APPLICANT: Baton, Dan I.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C41

CURRENT APPLICATION NUMBER: US/10/015,394A
; CURRENT FILING DATE: 2001-12-11
; PRIOR APPLICATION NUMBER: 60/098716
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098723
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-394A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 64 CCATGCTGCTAGGCCATG 82
|||||
Db 1 CCATGCTGCTAGGCCAAG 19

RESULT 1652

US-10-314-578-129
; Sequence 129, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:

APPLICANT: Kries, Arthur M.
APPLICANT: Schetter, Christian
APPLICANT: Vollmer, Jorg
TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; CURRENT FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 129
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-129

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 728 CATGAGGTTCTTCACCAAG 746
Db 3 CATGGTTTCTCCACCAAG 21

RESULT 1653
US-10-314-578-130/C
; Sequence 130, Application US/10314578
; Publication No. US20030212026A1
; GENERAL INFORMATION:
; APPLICANT: Krieger, Arthur M.
; APPLICANT: Schetter, Christian
; APPLICANT: Vollmer, Jörg
; TITLE OF INVENTION: Immunostimulatory Nucleic Acids
; FILE REFERENCE: C1039/7035 (HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/314,578
; PRIOR FILING DATE: 2002-12-09
; PRIOR APPLICATION NUMBER: US 60/156,113
; PRIOR FILING DATE: 1999-09-25
; PRIOR APPLICATION NUMBER: US 60/156,135
; PRIOR FILING DATE: 1999-09-27
; PRIOR APPLICATION NUMBER: US 60/227,436
; PRIOR FILING DATE: 2000-08-23
; NUMBER OF SEQ ID NOS: 1145
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 130
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-314-578-130

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 728 CATGAGGTTCTTCACCAAG 746
Db 19 CATGGTTTCTCCACCAAG 1

RESULT 1654
US-10-015-390A-454
; Sequence 454, Application US/10015390A
; Publication No. US20030216562A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C53
; CURRENT APPLICATION NUMBER: US/10/015,390A
; PRIOR FILING DATE: 2002-07-15
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-390A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCCTGCTAGCCATG 82
Db 1 CCATGCCTGCTAGCCCAAG 19

RESULT 1655
US-10-377-684-3/C
; Sequence 3, Application US/10377684
; Publication No. US20030219796A1
; GENERAL INFORMATION:
; APPLICANT: GENOX RESEARCH, INC.
; APPLICANT: JAPAN AS REPRESENTED BY GENERAL DIRECTOR OF AGENCY OF
; APPLICANT: NATIONAL CENTER FOR CHILD HEALTH AND DEVELOPMENT
; APPLICANT: Nagata, Naoko
; APPLICANT: Oshida, Tadahiro
; APPLICANT: Sugita, Yuji
; APPLICANT: Kubo, Masato
; APPLICANT: Saito, Hirohisa
; TITLE OF INVENTION: Method of Testing for Allergic Disease
; FILE REFERENCE: SHIMIZU-07595
; CURRENT APPLICATION NUMBER: US/10/377,684
; PRIOR FILING DATE: 2003-02-27
; PRIOR APPLICATION NUMBER: JP 2002-52310
; PRIOR FILING DATE: 2002-02-27
; PRIOR APPLICATION NUMBER: PCT/JP03/00600
; PRIOR FILING DATE: 2003-01-23
; NUMBER OF SEQ ID NOS: 20
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 3
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-377-684-3

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1658 CTTCTGCAGCTCTCAG 1676
Db 21 CTTCTGCAGCTCTCAG 3

RESULT 1656
US-10-006-746A-454
; Sequence 454, Application US/10006746A
; Publication No. US20030220471A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin J.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C53
; CURRENT APPLICATION NUMBER: US/10/006,746A
; PRIOR FILING DATE: 2002-07-15
; PRIOR APPLICATION removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:


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; PRIOR FILING DATE: 1998-10-06
; PRIOR APPLICATION NUMBER: 60/103633
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103678
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103679
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/103711
; PRIOR FILING DATE: 1998-10-08
; PRIOR APPLICATION NUMBER: 60/104257
; PRIOR FILING DATE: 1998-10-14
; PRIOR APPLICATION NUMBER: 60/104987
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105000
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105002
; PRIOR FILING DATE: 1998-10-20
; PRIOR APPLICATION NUMBER: 60/105104
; PRIOR FILING DATE: 1998-10-21
; PRIOR APPLICATION NUMBER: 60/105169
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105266
; PRIOR FILING DATE: 1998-10-22
; PRIOR APPLICATION NUMBER: 60/105693
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105694
; PRIOR FILING DATE: 1998-10-26
; PRIOR APPLICATION NUMBER: 60/105807
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105881
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/105882
; PRIOR FILING DATE: 1998-10-27
; PRIOR APPLICATION NUMBER: 60/106023
; PRIOR FILING DATE: 1998-10-28
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Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 64 CCATGCTGTGTCAGCCATG 82
Db 1 CCATGCTGTGTCAGCCATG 19
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RESULT 1657

US-10-226-254A-454

; Sequence 454, Application US/10226254A

; Publication No. US20030224478A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan L.

; APPLICANT: Ferrara, Napoleone

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Pan, James

; APPLICANT: Paoni, Nicholas F.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2830P1C68

; CURRENT APPLICATION NUMBER: US/10/226,254A

; PRIOR FILING DATE: 2002-08-21

; PRIOR APPLICATION NUMBER: 60/098716

; PRIOR FILING DATE: 1998-09-01

; PRIOR APPLICATION NUMBER: 60/098723

; PRIOR FILING DATE: 1998-09-01

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; PRIOR APPLICATION NUMBER: 60/098749
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098750
; PRIOR FILING DATE: 1998-09-01
; PRIOR APPLICATION NUMBER: 60/098803
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098821
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/098843
; PRIOR FILING DATE: 1998-09-02
; PRIOR APPLICATION NUMBER: 60/099536
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-226-254A-454
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Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

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QY 64 CCATGCTGTGTCAGCCATG 82
Db 1 CCATGCTGTGTCAGCCATG 19
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RESULT 1658

US-10-418-182-112/c

; Sequence 112, Application US/10418182

; Publication No. US20030228302A1

; GENERAL INFORMATION:

; APPLICANT: Crea, Roberto

; TITLE OF INVENTION: UNIVERSAL LIBRARIES FOR IMMUNOGLOBULINS

; FILE REFERENCE: 1551.2001-001

; CURRENT APPLICATION NUMBER: US/10/418,182

; PRIOR FILING DATE: 2003-04-16

; PRIOR APPLICATION NUMBER: 60/373,558

; NUMBER OF SEQ ID NOS: 423

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 112

; LENGTH: 21

; TYPE: DNA

; ORGANISM: Artificial Sequence

; FEATURE:

; OTHER INFORMATION: oligonucleotide

US-10-418-182-112

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

```
QY 1715 CATGATCACCATTTCATC 1733
Db 21 CATGATCACCATTTCATC 3
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RESULT 1659

US-10-405-877-112

; Sequence 112, Application US/10405877

; Publication No. US20030232363A1

; GENERAL INFORMATION:

; APPLICANT: Stahl, Andreas

; APPLICANT: Hirsch, David J.

```

; APPLICANT: Lodish, Harvey F.
; APPLICANT: Gimeno, Ruth E.
; TITLE OF INVENTION: FATTY ACID TRANSPORT PROTEINS
; FILE REFERENCE: 0399.1180-030
; CURRENT APPLICATION NUMBER: US/10/405,877
; CURRENT FILING DATE: 2003-04-01
; PRIOR APPLICATION NUMBER: US 09/611,197
; PRIOR FILING DATE: 2000-07-02
; PRIOR APPLICATION NUMBER: US 09/506,252
; PRIOR FILING DATE: 2000-02-17
; PRIOR APPLICATION NUMBER: US 09/465,280
; PRIOR FILING DATE: 1999-12-16
; PRIOR APPLICATION NUMBER: US 09/405,504
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: US 09/405,505
; PRIOR FILING DATE: 1999-09-23
; PRIOR APPLICATION NUMBER: US 09/232,197
; PRIOR FILING DATE: 1999-01-14
; PRIOR APPLICATION NUMBER: US 09/232,200
; PRIOR FILING DATE: 1999-01-14
; PRIOR APPLICATION NUMBER: US 09/232,201
; PRIOR FILING DATE: 1999-01-14
; PRIOR APPLICATION NUMBER: US 09/232,195
; PRIOR FILING DATE: 1999-01-14
; PRIOR APPLICATION NUMBER: US 09/232,191
; PRIOR FILING DATE: 1999-01-14
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 140
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 112
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Mus musculus
US-10-405-877-112

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3738 CAGGTGCCCGCCCGCCGCGC 3756
DB      3 CAGGTTCCCGCCCGCCCGTC 21

RESULT 1660
US-10-349-143-3998
; Sequence 3998, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 3998
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
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; OTHER INFORMATION: upstream amplification primer 99-12650 for SEQ 64,
US-10-349-143-3998

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1715 CAGTACACCATCTTCATC 1733
DB      3 CCTATCATCATCTTCATC 21

RESULT 1661
US-10-349-143-6964/C
; Sequence 6964, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 6964
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-21763 for SEQ 3030,
US-10-349-143-6964

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1593 GAAACAGAGAGAGAGAGA 1611
DB      21 GAGACAGAGAGAGAGAGAAA 3

RESULT 1662
US-10-349-143-7474/C
; Sequence 7474, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
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; SEQ ID NO 7474
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: upstream amplification primer 99-5329 for SEQ 3540,
US-10-349-143-7474

Query Match
Best Local Similarity 84.2%; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2589 AGCGACATCATGACGACTG 2607
DB 19 AGCGACATCATGACGACTG 1

RESULT 1663
US-10-349-143-10061
; Sequence 10061, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 10061
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..21
; OTHER INFORMATION: downstream amplification primer 99-921 for SEQ 2196, in complement
US-10-349-143-10061

Query Match
Best Local Similarity 84.2%; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2808 GAAATGAGAGAGAGACTG 2826
DB 2 GAAATGAGAGAGAGACTG 20

RESULT 1664
US-10-011-795A-454
; Sequence 454, Application US/10011795A
; Publication No. US20040005626A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillen, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2830P1C25
; CURRENT APPLICATION NUMBER: US/10/011,795A
; CURRENT FILING DATE: 2001-12-07
; Prior application removed - See file wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-011-795A-454

Query Match
Best Local Similarity 84.2%; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCCATG 82
DB 1 CCATGCTGCTAGCCCATG 19

RESULT 1665
US-10-420-194-463
; Sequence 463, Application US/10420194
; Publication No. US20040006035A1
; GENERAL INFORMATION:
; APPLICANT: Sirna Therapeutics, Inc.
; APPLICANT: MCSwigen, Jim
; APPLICANT: Blatt, Larry
; APPLICANT: Maciejak, Dennis
; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusedgenic Peptide
; TITLE OF INVENTION: Interactions
; FILE REFERENCE: MBH02-305-A (400/011)
; CURRENT APPLICATION NUMBER: US/10/420,194
; CURRENT FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: PCT/US 03/05190
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/374,722
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/366,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; Remaining Prior Application data removed - See file wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 463
; LENGTH: 21
; TYPE: RNA
; ORGANISM: Human immunodeficiency virus
US-10-420-194-463

Query Match
Best Local Similarity 84.2%; DB 1; Length 21;
```


Best Local Similarity 73.7%; Pred. No. 1e+03; Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 4299 GCAACAAACAGCTGGGTC 4317

Db 1 GCAACUCACAGUCUGGGC 19

RESULT 1666

US-10-420-194-464

Sequence 464, Application US/10420194

Publication No. US2004000635A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, Jim

APPLICANT: Blact, Larry

APPLICANT: Macejak, Dennis

TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide

TITLE OF INVENTION: Interactions

FILE REFERENCE: MBH02-305-A (400/011)

CURRENT APPLICATION NUMBER: US/10/420,194

CURRENT FILING DATE: 2003-04-22

PRIOR APPLICATION NUMBER: PCT/US 03/05190

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/398,036

PRIOR FILING DATE: 2002-07-23

PRIOR APPLICATION NUMBER: US 60/374,722

PRIOR FILING DATE: 2002-04-22

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: US 60/406,784

PRIOR FILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: US 60/408,378

PRIOR FILING DATE: 2002-09-05

PRIOR APPLICATION NUMBER: US 60/409,293

PRIOR FILING DATE: 2002-09-09

PRIOR APPLICATION NUMBER: US 60/440,129

PRIOR FILING DATE: 2003-01-15

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 1234

SOFTWARE: PatentIn version 3.2

SEQ ID NO 464

LENGTH: 21

TYPE: RNA

ORGANISM: Human immunodeficiency virus

US-10-420-194-464

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 73.7%; Pred. No. 1e+03;

Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 4299 GCAACAAACAGCTGGGTC 4317

Db 2 GCAACUCACAGUCUGGGC 20

RESULT 1667

US-10-420-194-466

Sequence 466, Application US/10420194

Publication No. US2004000635A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, Jim

APPLICANT: Blact, Larry

APPLICANT: Macejak, Dennis

TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide

TITLE OF INVENTION: Interactions

FILE REFERENCE: MBH02-305-A (400/011)

CURRENT APPLICATION NUMBER: US/10/420,194

CURRENT FILING DATE: 2003-04-22

PRIOR APPLICATION NUMBER: PCT/US 03/05190

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/398,036

PRIOR FILING DATE: 2002-07-23

PRIOR APPLICATION NUMBER: US 60/374,722

PRIOR FILING DATE: 2002-04-22

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: US 60/406,784

PRIOR FILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: US 60/408,378

PRIOR FILING DATE: 2002-09-05

PRIOR APPLICATION NUMBER: US 60/409,293

PRIOR FILING DATE: 2002-09-09

PRIOR APPLICATION NUMBER: US 60/440,129

PRIOR FILING DATE: 2003-01-15

CURRENT FILING DATE: 2003-04-22

PRIOR APPLICATION NUMBER: PCT/US 03/05190

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/398,036

PRIOR FILING DATE: 2002-07-23

PRIOR APPLICATION NUMBER: US 60/374,722

PRIOR FILING DATE: 2002-04-22

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: US 60/406,784

PRIOR FILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: US 60/408,378

PRIOR FILING DATE: 2002-09-05

PRIOR APPLICATION NUMBER: US 60/409,293

PRIOR FILING DATE: 2002-09-09

PRIOR APPLICATION NUMBER: US 60/440,129

PRIOR FILING DATE: 2003-01-15

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 1234

SOFTWARE: PatentIn version 3.2

SEQ ID NO 466

LENGTH: 21

TYPE: RNA

ORGANISM: Human immunodeficiency virus

US-10-420-194-466

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 73.7%; Pred. No. 1e+03;

Matches 14; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 4299 GCAACAAACAGCTGGGTC 4317

Db 3 GCAACUCACAGUCUGGGC 21

RESULT 1668

US-10-420-194-973/c

Sequence 973, Application US/10420194

Publication No. US2004000635A1

GENERAL INFORMATION:

APPLICANT: Sirna Therapeutics, Inc.

APPLICANT: McSwiggen, Jim

APPLICANT: Blact, Larry

APPLICANT: Macejak, Dennis

TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusogenic Peptide

TITLE OF INVENTION: Interactions

FILE REFERENCE: MBH02-305-A (400/011)

CURRENT APPLICATION NUMBER: US/10/420,194

CURRENT FILING DATE: 2003-04-22

PRIOR APPLICATION NUMBER: PCT/US 03/05190

PRIOR FILING DATE: 2003-02-20

PRIOR APPLICATION NUMBER: US 60/398,036

PRIOR FILING DATE: 2002-07-23

PRIOR APPLICATION NUMBER: US 60/374,722

PRIOR FILING DATE: 2002-04-22

PRIOR APPLICATION NUMBER: US 60/358,580

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/363,124

PRIOR FILING DATE: 2002-03-11

PRIOR APPLICATION NUMBER: US 60/386,782

PRIOR FILING DATE: 2002-06-06

PRIOR APPLICATION NUMBER: US 60/406,784

PRIOR FILING DATE: 2002-08-29

PRIOR APPLICATION NUMBER: US 60/408,378

PRIOR FILING DATE: 2002-09-05

PRIOR APPLICATION NUMBER: US 60/409,293

PRIOR FILING DATE: 2002-09-09

PRIOR APPLICATION NUMBER: US 60/440,129

PRIOR FILING DATE: 2003-01-15

```
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 973
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-420-194-973

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4299 GCAACAACAGCTCGGTC 4317
Db      21 GCAACTCAGCTCGGGGC 3

RESULT 1669
US-10-420-194-974/c
; Sequence 974, Application US/10420194
; Publication No. US2004006035A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, Jim
; APPLICANT: Blact, Larry
; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusedgenic Peptide
; FILE REFERENCE: MBH02-305-A (400/011)
; CURRENT APPLICATION NUMBER: US/10/420,194
; PRIOR FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: PCT/US 03/05190
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/374,722
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; PRIOR FILING DATE: 2003-01-15
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 974
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-420-194-974

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4299 GCAACAACAGCTCGGTC 4317
Db      20 GCAACTCAGCTCGGGGC 2

RESULT 1670
US-10-420-194-976/c
; Sequence 976, Application US/10420194
; Publication No. US2004006035A1
; GENERAL INFORMATION:
; APPLICANT: Sirta Therapeutics, Inc.
; APPLICANT: McSwigen, Jim
; APPLICANT: Blact, Larry
; TITLE OF INVENTION: Nucleic Acid Mediated Disruption of HIV Fusedgenic Peptide
; FILE REFERENCE: MBH02-305-A (400/011)
; CURRENT APPLICATION NUMBER: US/10/420,194
; PRIOR FILING DATE: 2003-04-22
; PRIOR APPLICATION NUMBER: PCT/US 03/05190
; PRIOR FILING DATE: 2003-02-20
; PRIOR APPLICATION NUMBER: US 60/398,036
; PRIOR FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: US 60/374,722
; PRIOR FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: US 60/358,580
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/363,124
; PRIOR FILING DATE: 2002-03-11
; PRIOR APPLICATION NUMBER: US 60/386,782
; PRIOR FILING DATE: 2002-06-06
; PRIOR APPLICATION NUMBER: US 60/406,784
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: US 60/408,378
; PRIOR FILING DATE: 2002-09-05
; PRIOR APPLICATION NUMBER: US 60/409,293
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 60/440,129
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1234
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 976
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-420-194-976

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      4299 GCAACAACAGCTCGGTC 4317
Db      19 GCAACTCAGCTCGGGGC 1

RESULT 1671
US-10-012-231A-454
; Sequence 454, Application US/10012231A
; Publication No. US20040014130A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan L.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gunney, Austen L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC23
; CURRENT APPLICATION NUMBER: US/10/012,231A
; CURRENT FILING DATE: 2002-06-10
```

; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-012-231A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCGAG 82
DB 1 CCATGCTGCTAGCCGAG 19

RESULT 1672

US-10-072-012-1188/C
; Sequence 1188, Application US/10072012
; Publication No. US2004003493A1
; GENERAL INFORMATION:
; APPLICANT: Tchernev, Velizar
; APPLICANT: Spytek, Kimberly
; APPLICANT: Zethusen, Bryan
; APPLICANT: Paturajan, Meera
; APPLICANT: Shimkets, Richard
; APPLICANT: Li, Li
; APPLICANT: Gangolli, Esha
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Anderson, David W.
; APPLICANT: Rastelli, Luca
; APPLICANT: Miller, Charles E.
; APPLICANT: Gerlach, Valerie
; APPLICANT: Taupier Jr, Raymond J.
; APPLICANT: Gusev, Vladimir Y.
; APPLICANT: Coleman, Steven D.
; APPLICANT: Wolenc, Adam R.
; APPLICANT: Pena, Carol E. A
; APPLICANT: Furtak, Katarzyna
; APPLICANT: Grose, William M.
; APPLICANT: Alsbrook II, John P.
; APPLICANT: Lepley, Denise M.
; APPLICANT: Rieger, Daniel K.
; APPLICANT: Burgess, Catherine E.
; TITLE OF INVENTION: Proteins and Nucleic Acids Encoding Same
; FILE REFERENCE: 21402-258
; CURRENT APPLICATION NUMBER: US/10/072,012
; PRIOR APPLICATION NUMBER: 60/265,102
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/265,514
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,517
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,412
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/265,395
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: 60/266,406
; PRIOR FILING DATE: 2001-02-02
; PRIOR APPLICATION NUMBER: 60/266,767
; PRIOR FILING DATE: 2001-02-05
; PRIOR APPLICATION NUMBER: 60/267,057
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/266,975
; PRIOR FILING DATE: 2001-02-07
; PRIOR APPLICATION NUMBER: 60/267,459
; PRIOR FILING DATE: 2001-02-08
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 1391

; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1188
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Ag2993 Reverse
US-10-072-012-1188

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 609 AGCAGTCCTATCTCCCGG 627
DB 21 AGCAGTCCTATCTAGAGG 3

RESULT 1673

US-10-015-395A-454
; Sequence 454, Application US/10015395A
; Publication No. US20040073015A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Batou, Dan J.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austen L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830P1C57
; CURRENT APPLICATION NUMBER: US/10/015,395A
; PRIOR FILING DATE: 2001-12-12
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 454
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
US-10-015-395A-454

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 64 CCATGCTGCTAGCCGAG 82
DB 1 CCATGCTGCTAGCCGAG 19

RESULT 1674

US-10-461-194-61/C
; Sequence 61, Application US/10461194
; Publication No. US20040077058A1
; GENERAL INFORMATION:
; APPLICANT: Hutchinson, Richard C.
; APPLICANT: Reid, Ralph C.
; APPLICANT: Hu, Zhihao
; APPLICANT: Rascher, Andreas
; APPLICANT: Schirmer, Andreas
; APPLICANT: McDaniel, Robert
; TITLE OF INVENTION: RECOMBINANT POLYNUCLEOTIDES ENCODING

;; TITLE OF INVENTION: PRO-GERMANMYCIN PRODUCING POLYKETIDE SYNTHASES AND
;; FILE REFERENCE: 300622009700
;; CURRENT APPLICATION NUMBER: US/10/461,194
;; CURRENT FILING DATE: 2003-06-13
;; PRIOR APPLICATION NUMBER: US 60/389,255
;; PRIOR FILING DATE: 2002-06-14
;; PRIOR APPLICATION NUMBER: US 60/393,929
;; PRIOR FILING DATE: 2002-07-03
;; PRIOR APPLICATION NUMBER: US 60/395,275
;; PRIOR FILING DATE: 2002-07-12
;; PRIOR APPLICATION NUMBER: US 10/212,962
;; PRIOR FILING DATE: 2002-08-05
;; PRIOR APPLICATION NUMBER: US 60/415,326
;; PRIOR FILING DATE: 2002-09-30
;; PRIOR APPLICATION NUMBER: US 60/420,820
;; PRIOR FILING DATE: 2002-10-24
;; PRIOR APPLICATION NUMBER: US 60/433,130
;; PRIOR FILING DATE: 2002-12-13
;; NUMBER OF SEQ ID NOS: 153
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 61
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Streptomyces hygroscopicus
US-10-461-194-61

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 215 AAGCGCGCGACCGCTGC 233

Db 21 AAGCGCGCGACCGCTGC 3

RESULT 1675
US-10-280-183A-398/C
;; Sequence 398, Application US/10280183A
;; Publication No. US20040081964A1
;; GENERAL INFORMATION:
;; APPLICANT: Pfizer Inc.
;; APPLICANT: Beauchamp, Alexander A
;; APPLICANT: Chatterjee, Anubindo
;; APPLICANT: De Jong, Pieter J.
;; APPLICANT: Li, Xia
;; APPLICANT: Li, Shaoru
;; APPLICANT: Ohmen, Jeffrey D
;; APPLICANT: Reed, Danielle R.
;; APPLICANT: Ross, David
;; APPLICANT: Tordoff, Michael G.
;; TITLE OF INVENTION: GENE AND SEQUENCE VARIATION ASSOCIATED WITH SENSING
;; TITLE OF INVENTION: CARBOHYDRATE COMPOUNDS AND OTHER SWEETENERS
;; FILE REFERENCE: PCI8306A
;; CURRENT APPLICATION NUMBER: US/10/280,183A
;; CURRENT FILING DATE: 2002-10-25
;; PRIOR APPLICATION NUMBER: 60/200,794
;; PRIOR FILING DATE: 2000-04-28
;; NUMBER OF SEQ ID NOS: 652
;; SOFTWARE: PatentIn Ver. 3.1
;; SEQ ID NO 398
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Mouse
US-10-280-183A-398

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5055 TAGTGACGCTTTCTTCC 5073

||||| ||| ||| |||

Db 19 TAGTGACGATTTGCTTC 1
RESULT 1676
US-10-684-190-18
;; Sequence 18, Application US/10684190
;; Publication No. US20040096889A1
;; GENERAL INFORMATION:
;; APPLICANT: Wyeth
;; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
;; FILE REFERENCE: AM101073
;; CURRENT APPLICATION NUMBER: US/10/684,190
;; CURRENT FILING DATE: 2003-10-10
;; NUMBER OF SEQ ID NOS: 86
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 18
;; LENGTH: 21
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-684-190-18

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4785 CTCAGTCTTGTGTGAA 4803

Db 3 CTCAGTCTGTGTGTGAA 21

RESULT 1677
US-10-684-190-19
;; Sequence 19, Application US/10684190
;; Publication No. US20040096889A1
;; GENERAL INFORMATION:
;; APPLICANT: Wyeth
;; TITLE OF INVENTION: COMPOSITIONS, ORGANISMS AND METHODOLOGIES EMPLOYING A NOVEL HUMAN
;; FILE REFERENCE: AM101073
;; CURRENT APPLICATION NUMBER: US/10/684,190
;; CURRENT FILING DATE: 2003-10-10
;; NUMBER OF SEQ ID NOS: 86
;; SOFTWARE: PatentIn version 3.2
;; SEQ ID NO 19
;; LENGTH: 21
;; TYPE: RNA
;; ORGANISM: Homo sapiens
US-10-684-190-19

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 52.6%; Pred. No. 1e+03;
Matches 10; Conservative 6; Mismatches 3; Indels 0; Gaps 0;

QY 4785 CTCAGTCTTGTGTGAA 4803

Db 1 CTCAGCTCUGUGUGGAA 19

RESULT 1678
US-10-651-833-4/C
;; Sequence 4, Application US/10651833
;; Publication No. US20040110200A1
;; GENERAL INFORMATION:
;; APPLICANT: Peoples, Risa
;; APPLICANT: Van Atta, Renee B.
;; TITLE OF INVENTION: POLYMORPHISM DETECTION AMONG HOMOLOGOUS SEQUENCES
;; FILE REFERENCE: NX23
;; CURRENT APPLICATION NUMBER: US/10/651,833
;; CURRENT FILING DATE: 2003-08-29
;; PRIOR APPLICATION NUMBER: US 60/407,598
;; PRIOR FILING DATE: 2002-08-29
;; NUMBER OF SEQ ID NOS: 77

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; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic oligonucleotide probe
; NAME/KEY: misc_feature
; LOCATION: (2)..(2)
; OTHER INFORMATION: "n" represents a non-nucleosidic cross-linking agent
US-10-651-833-4

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 80.0%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy      2551 CCTGTGTCACGCTGTGT 2570
Db      20 CCTAGTCAGGTGTTNT 1

RESULT 1679
US-10-415-489-24/c
; Sequence 24, Application US/10415489
; Publication No. US20040137443A1
; GENERAL INFORMATION:
; APPLICANT: Yamanouchi Pharmaceutical Co., Ltd.
; TITLE OF INVENTION: Novel clock gene promoter
; FILE REFERENCE: 075308
; CURRENT APPLICATION NUMBER: US/10/415,489
; PRIOR FILING DATE: 2003-04-30
; PRIOR APPLICATION NUMBER: PCT/JP02/03290
; PRIOR FILING DATE: 2002-04-02
; PRIOR APPLICATION NUMBER: JP 2001-107467
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: JP 2001-183087
; PRIOR FILING DATE: 2001-06-18
; PRIOR APPLICATION NUMBER: JP 2001-383743
; PRIOR FILING DATE: 2001-12-17
; NUMBER OF SEQ ID NOS: 32
; SEQ ID NO 24
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Mus sp.
US-10-415-489-24

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      2856 ACTCTTCCAAAGCTGAGC 2874
Db      20 AGTCGCCAAGCTGAGCC 2

RESULT 1680
US-10-627-253A-161
; Sequence 161, Application US/10627253A
; Publication No. US20040161768A1
; GENERAL INFORMATION:
; APPLICANT: BRINKMANN, ULRICH
; APPLICANT: HOFFMEYER, SVEN
; APPLICANT: MORRHUWEG, ESTHER
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
; TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR USE IN
; FILE REFERENCE: VOS-42 CON
; CURRENT APPLICATION NUMBER: US/10/627,253A
; PRIOR FILING DATE: 2003-07-24
; PRIOR APPLICATION NUMBER: PCT/EP02/00796
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: EP 01101651.6

; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 161
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-10-627-253A-162

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      728 CATGAGTCTTCAACCAAG 746
Db      19 CATGAGTCTTCTTCAAG 1

RESULT 1681
US-10-627-253A-162/c
; Sequence 162, Application US/10627253A
; Publication No. US20040161768A1
; GENERAL INFORMATION:
; APPLICANT: BRINKMANN, ULRICH
; APPLICANT: HOFFMEYER, SVEN
; APPLICANT: MORRHUWEG, ESTHER
; TITLE OF INVENTION: POLYMORPHISMS IN THE HUMAN GENE FOR THE MULTIDRUG
; TITLE OF INVENTION: RESISTANCE-ASSOCIATED PROTEIN 1 (MRP-1) AND THEIR USE IN
; FILE REFERENCE: VOS-42 CON
; CURRENT APPLICATION NUMBER: US/10/627,253A
; PRIOR FILING DATE: 2003-07-24
; PRIOR APPLICATION NUMBER: PCT/EP02/00796
; PRIOR FILING DATE: 2002-01-25
; PRIOR APPLICATION NUMBER: EP 01101651.6
; PRIOR FILING DATE: 2001-01-26
; NUMBER OF SEQ ID NOS: 406
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 162
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Synthetic oligonucleotide
US-10-627-253A-162

Query Match          0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy      728 CATGAGTCTTCAACCAAG 746
Db      19 CATGAGTCTTCTTCAAG 1

RESULT 1682
US-10-480-276-31
; Sequence 31, Application US/10480276
; Publication No. US20040171015A1
; GENERAL INFORMATION:
; APPLICANT: I.N.S.B.R.M.
; TITLE OF INVENTION: CYP450-specific DNA probes and primers, and biological applicati
; FILE REFERENCE: bct010072
; CURRENT APPLICATION NUMBER: US/10/480,276
; PRIOR FILING DATE: 2003-12-11
; NUMBER OF SEQ ID NOS: 42
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 21
; TYPE: DNA
```

ORGANISM: Homo sapiens
US-10-480-276-31

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4237 TTCACCTGCTGTGAGCTT 4255
DB 2 TTCACCTGCTGTGAGCTT 20

RESULT 1683
US-10-425-006B-4
Sequence 4, Application US/10425006B
Publication No. US20040180438A1
GENERAL INFORMATION:
APPLICANT: Pachuk, Catherine J.
TITLE OF INVENTION: Methods and Compositions For Silencing
FILE REFERENCE: 50236/010002
CURRENT APPLICATION NUMBER: US/10/425,006B
CURRENT FILING DATE: 2003-04-28
PRIOR APPLICATION NUMBER: US 60/375,636
PRIOR FILING DATE: 2002-04-26
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 4
LENGTH: 21
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: synthetic
US-10-425-006B-4

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 771 AAGAGGAAACATGGGCGC 789
DB 1 AAGAGGAAACATGGGCGC 19

RESULT 1684
US-10-786-720-1274/c
Sequence 1274, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 2135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 1274
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-1274

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1093 ACTCTGAATTTGTGAAGAC 1111
DB 20 ATTCTGACTTGTGATGAC 2

RESULT 1685
US-10-786-720-2951
Sequence 2951, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 2135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2951
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-sense strand
US-10-786-720-2951

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

QY 4792 CTTGGTTGGAAGACAG 4810
DB 1 CUUGAUVUACAAAGACAG 19

RESULT 1686
US-10-786-720-2952/c
Sequence 2952, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 2135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 2952
LENGTH: 21
TYPE: RNA
ORGANISM: RNAi-antisense strand
US-10-786-720-2952

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4792 CTTGGTTGGAAGACAG 4810
DB 19 CTTGATATCAAGACAG 1

RESULT 1687
US-10-786-720-3227
Sequence 3227, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720

```
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 3227
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-3227

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 57.9%; Pred. No. 1e+03;
Matches 11; Conservative 5; Mismatches 3; Indels 0; Gaps 0;

Cy 4792 CTTGCTGGAAGGAGCAG 4810
Db 1 CUUGAUUACAAGAGCAG 19

RESULT 1688
US-10-786-720-3228/C
; Sequence 3228, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 3228
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-3228

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 4792 CTTGCTGGAAGGAGCAG 4810
Db 19 CTTGATTACAAGAGCAG 1

RESULT 1689
US-10-786-720-5539
; Sequence 5539, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 5539
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-5539

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
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```
Cy 5250 AATAATTGCGCTTCTT 5268
Db 2 AACCAATTGCGATTCTT 20

RESULT 1690
US-10-786-720-5541/C
; Sequence 5541, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES (AM101331L)
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 5541
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-5541

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5250 AATAATTGCGCTTCTT 5268
Db 20 AACCAATTGCGATTCTT 2

RESULT 1691
US-10-786-720-5542
; Sequence 5542, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: Patentin version 3.2
; SEQ ID NO 5542
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-5542

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Cy 5250 AATAATTGCGCTTCTT 5268
Db 1 AACCAATTGCGATTCTT 19

RESULT 1692
US-10-786-720-5544/C
; Sequence 5544, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
```

```

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5544
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-5544

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 5250 AATAATTGACCTTCTT 5268
Db 21 AACAAATTGTCATTCCT 3

RESULT 1693
US-10-786-720-5734/c
; Sequence 5734, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5734
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-5734

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 110 TGACGTCTCCAGAGCCCGT 128
Db 20 TGGGTCTCCAGAGCTGCT 2

RESULT 1694
US-10-786-720-5736
; Sequence 5736, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 5736
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-5736
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Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY 110 TGACGTCTCCAGAGCCCGT 128
Db 2 UGGUGUCUCCAGAGCUGUGU 20

RESULT 1695
US-10-786-720-6122
; Sequence 6122, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 6122
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-6122

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 8; Conservative 8; Mismatches 3; Indels 0; Gaps 0;

QY 267 CCCCTCTCTCTTCTCT 285
Db 2 CACCTCUCUCUCUCUCUCU 20

RESULT 1696
US-10-786-720-7898/c
; Sequence 7898, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Liu, Wei
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7898
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-7898

Query Match
Best Local Similarity 0.3%; Score 14.2; DB 1; Length 21;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3609 AGGAGGACCGAGGATCC 3627
Db 20 AGGCTGACCGAGGATTC 2

RESULT 1697
US-10-786-720-7928
; Sequence 7928, Application US/10786720
; Publication No. US20040191818A1
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; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 7928
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-7928

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1e+03;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      2550 CCCCTGTCACGTCGTCT 2568
Db      2   CACCUGGUGUACGUGGAGU 20

RESULT 1698
US-10-786-720-10148/c
; Sequence 10148, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10148
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-10148

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      3609 AGAAGACGACGAAATCCC 3627
Db      20   AGGCTGACGACGAAATCC 2

RESULT 1699
US-10-786-720-10178
; Sequence 10178, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 10178
; LENGTH: 21
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; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-10178

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 63.2%; Pred. No. 1e+03;
Matches 12; Conservative 4; Mismatches 3; Indels 0; Gaps 0;

QY      2550 CCCCTGTCACGTCGTCT 2568
Db      2   CACCUGGUGUACGUGGAGU 20

RESULT 1700
US-10-786-720-12722/c
; Sequence 12722, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12722
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-12722

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1591 TCGAACAAGAGAGAGAA 1609
Db      19   TGAACAACAGAGAGTAGAA 1

RESULT 1701
US-10-786-720-12723
; Sequence 12723, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12723
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-12723

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 78.9%; Pred. No. 1e+03;
Matches 15; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY      1591 TCGAACAAGAGAGAGAA 1609
Db      1   TGACAACAGAGAGAGAGAA 19
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RESULT 1702
US-10-786-720-12817/c
; Sequence 12817, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12817
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12817

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2721 GCCACATTGAAGCAAGT 2739
Db      20 GCCATATTGAAGCAAGT 2

RESULT 1703
US-10-786-720-12819
; Sequence 12819, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12819
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-12819

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1e+03;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      2721 GCCACATTGAAGCAAGT 2739
Db      2  GCCCAUAVUGAAGCAAGU 20

RESULT 1704
US-10-786-720-12867/c
; Sequence 12867, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26

; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12874
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12874

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2721 GCCACATTGAAGCAAGT 2739
Db      21 GCCATATTGAAGCAAGT 3

RESULT 1705
US-10-786-720-12874/c
; Sequence 12874, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12874
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-12874

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2721 GCCACATTGAAGCAAGT 2739
Db      21 GCCATATTGAAGCAAGT 3

RESULT 1706
US-10-786-720-12876
; Sequence 12876, Application US/10786720
; Publication No. US2004019181A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 12876
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-antisense strand
US-10-786-720-12876

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 68.4%; Pred. No. 1e+03;
Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY      2721 GCCACATTGAAGCAAGT 2739
Db      2  GCCCAUAVUGAAGCAAGU 20
```

Db 1 GCCAUAUUGAAGACAUGU 19

RESULT 1707

US-10-786-720-13015/c
; Sequence 13015, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13015
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13015

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2721 GCCACATTGAAGACCAAGT 2739

Db 20 GCCATATTGAAGACAATGT 2

RESULT 1708

US-10-786-720-13017
; Sequence 13017, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13017
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13017

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 68.4%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;

Matches 13; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

Qy 2721 GCCACATTGAAGACCAAGT 2739

Db 2 GCCAUAUUGAAGACAUGU 20

RESULT 1709

US-10-786-720-13023/c
; Sequence 13023, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE

; TITLE OF INVENTION: DISEASES
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13023
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13023

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 1304 CAGCCCACTGACCAAGCTG 1322

Db 19 CAGTCAACTGACCAACTGTG 1

RESULT 1710

US-10-786-720-13024/c
; Sequence 13024, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13024
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-786-720-13024

Query Match 0.3%; Score 14.2; DB 1; Length 21;

Best Local Similarity 84.2%; Pred. No. 1e+03; 3; Indels 0; Gaps 0;

Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 2721 GCCACATTGAAGACCAAGT 2739

Db 21 GCCATATTGAAGACAATGT 3

RESULT 1711

US-10-786-720-13026
; Sequence 13026, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13026
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-13026

Query Match 0.3%; Score 14.2; DB 1; Length 21;

```
Best Local Similarity 68.4%; Pred. No. 1e+03; Indels 0; Gaps 0;
Matches 13; Conservative 3; Mismatches 3;

QY      2721 GCCACATGAGACCAAGT 2739
      |||||:|||||:
      1 GCCCAUUVUGAGACAUUGU 19

RESULT 1712
US-10-786-720-14412/c
; Sequence 14412, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14412
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-14412

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2815 AAGAGCAAGTGAGGGGGA 2833
      |||||:|||||:
      21 AAGTATGAGTGAAGAGAGGA 3

RESULT 1713
US-10-786-720-14424/c
; Sequence 14424, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 14424
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-antisense strand
US-10-786-720-14424

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1100 ATTGTGACAGCAGGCTCC 1118
      |||||:|||||:
      21 AATTGTGACAGCAGGCTTC 3

RESULT 1714
US-10-786-720-15488/c
; Sequence 15488, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 15488
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-15488

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2322 AAAATCAGCAGCAGCAAT 2340
      |||||:|||||:
      21 AAAATCCTGCAGCAGCAAT 3

RESULT 1715
US-10-786-720-16166/c
; Sequence 16166, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16166
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAi-sense strand
US-10-786-720-16166

Query Match      0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      2322 AAAATCAGCAGCAGCAAT 2340
      |||||:|||||:
      21 AAAATCCTGCAGCAGCAAT 3

RESULT 1716
US-10-786-720-16520/c
; Sequence 16520, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101331L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 16520
; LENGTH: 21
; TYPE: RNA
```

ORGANISM: RNAi-sense strand
US-10-786-720-16520

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2322 AAATCAAGCAGCAGCT 2340
DB 21 AAATCTCTGACGACGACT 3

RESULT 1717
US-10-786-720-17014
Sequence 17014, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 17014
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-17014

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2019 CACACTGTACTGACAGC 2037
DB 1 CACACTGTCTGACCAATG 19

RESULT 1718
US-10-786-720-17521/c
Sequence 17521, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 17521
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-17521

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2655 TTGTCTCCAGAGCGTC 2673
DB 19 TTGTCTCCAGAGCGGTC 1

RESULT 1719

US-10-786-720-18199
Sequence 18199, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 18199
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-18199

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2019 CACACTGTACTGACAGC 2037
DB 1 CACACTGTCTGACCAATG 19

RESULT 1720
US-10-786-720-18709/c
Sequence 18709, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135
SOFTWARE: PatentIn version 3.2
SEQ ID NO 18709
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-786-720-18709

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 2655 TTGTCTCCAGAGCGTC 2673
DB 19 TTGTCTCCAGAGCGGTC 1

RESULT 1721
US-10-786-720-19160/c
Sequence 19160, Application US/10786720
Publication No. US20040191818A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: O'Toole, Margot
APPLICANT: Liu, Wei
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
FILE REFERENCE: 031896-023000 (AM101331L)
CURRENT APPLICATION NUMBER: US/10/786,720
CURRENT FILING DATE: 2004-02-26
NUMBER OF SEQ ID NOS: 21135

NUMBER OF SEQ ID NOS: 20
SOFTWARE: PatentIn Ver. 2.1
SEQ ID NO 3
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial sequence
FEATURE:
OTHER INFORMATION: Description of the artificial sequence: Primer EGFPseq3
US-10-471-065-3

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1516 ACAAGTCTACAGCCACAA 1534
DB 20 ACAACTACAAACGCCACAA 2

RESULT 1727
US-10-775-169-4740
Sequence 4740, Application US/10775169
Publication No. US2004017543A1
GENERAL INFORMATION:
APPLICANT: Wyeth
APPLICANT: Burczynski, Michael
APPLICANT: Twine, Natalie
APPLICANT: Dornier, Andrew
APPLICANT: Trepicchio, William
TITLE OF INVENTION: Method for Monitoring Drug Activities In Vivo
FILE REFERENCE: AM101080 (031896-013000)
CURRENT APPLICATION NUMBER: US/10/775,169
CURRENT FILING DATE: 2004-02-11
NUMBER OF SEQ ID NOS: 5278
SOFTWARE: PatentIn Version 3.2
SEQ ID NO 4740
LENGTH: 25
TYPE: DNA
ORGANISM: probe
US-10-775-169-4740

Query Match 0.3%; Score 14.2; DB 1; Length 25;
Best Local Similarity 84.2%; Pred. No. 1.3e+03;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3858 CCGGCCAAGGCCCATCA 3876
DB 6 CCAAGCCAAAGAGCCCTGCA 24

RESULT 1728
US-09-263-959-802
Sequence 802, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 802:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-802

Query Match 0.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 282 CTCTCTCTCTCTCT 295
DB 1 CTCTCTCTCTCTCT 14

RESULT 1729
US-09-263-959-810
Sequence 810, Application US/09263959
Patent No. US20020150891A1
GENERAL INFORMATION:
APPLICANT: Hood, Leroy E.
APPLICANT: Rowen, Lee
APPLICANT: Koop, Ben F.
TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
NUMBER OF SEQUENCES: 1279
CORRESPONDENCE ADDRESS:
ADDRESSEE: Seed and Berry LLP
STREET: 6300 Columbia Center, 701 Fifth Avenue
CITY: Seattle
STATE: Washington
COUNTRY: US
ZIP: 98104-7092
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/263,959
FILING DATE: 05-MAR-1999
CLASSIFICATION:
ATTORNEY/AGENT INFORMATION:
NAME: McMaisters, David D.
REGISTRATION NUMBER: 33,963
REFERENCE/DOCKET NUMBER: 920010.426C2
TELECOMMUNICATION INFORMATION:
TELEPHONE: (206) 622-4900
TELEFAX: (206) 682-6031
INFORMATION FOR SEQ ID NO: 810:
SEQUENCE CHARACTERISTICS:
LENGTH: 14 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-263-959-810

Query Match 0.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 282 CTCTCTCTCTCTCT 295

Db 1 CTCTCTCTCTCT 14

RESULT 1730

US-09-263-959-816
; Sequence 816, Application US/09263959
; Patent No. US20020150891A1
; GENERAL INFORMATION:
; APPLICANT: Hood, Leroy E.
; APPLICANT: Rowen, Lee
; APPLICANT: Koop, Ben F.
; TITLE OF INVENTION: DIAGNOSTIC AND THERAPEUTIC COMPOSITIONS AND METHODS WHICH UTI
; NUMBER OF SEQUENCES: 1279
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Seed and Berry LLP
; STREET: 6300 Columbia Center, 701 Fifth Avenue
; CITY: Seattle
; STATE: Washington
; COUNTRY: US
; ZIP: 98104-7092
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Releasee #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/263,959
; FILING DATE: 05-MAR-1999
; CLASSIFICATION:
; ATTORNEY/AGENT INFORMATION:
; NAME: McMaister, David D.
; REGISTRATION NUMBER: 33,963
; REFERENCE/DOCKET NUMBER: 920010.426C2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (206) 622-4900
; TELEFAX: (206) 682-6031
; INFORMATION FOR SEQ ID NO: 816:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 14 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; US-09-263-959-816

Query Match 0.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 273 TCTCTTCTCTC 286
Db 1 TCTCTTCTCTC 14

RESULT 1731
US-09-738-046A-2/C
; Sequence 2, Application US/09738046A
; Publication No. US20030054007A1
; GENERAL INFORMATION:
; APPLICANT: FELGNER, PHILIP L.
; APPLICANT: ZELPHATI, OLIVIER
; TITLE OF INVENTION: INTRACELLULAR PROTEIN DELIVERY
; TITLE OF INVENTION: COMPOSITIONS AND METHODS OF USE
; FILE REFERENCE: GTSYS.004A
; CURRENT APPLICATION NUMBER: US/09/738,046A
; CURRENT FILING DATE: 2000-12-15
; NUMBER OF SEQ ID NOS: 3
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 14
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

; OTHER INFORMATION: plasmid, pGene Grip PNA binding site
US-09-738-046A-2

Query Match 0.3%; Score 14; DB 1; Length 14;
Best Local Similarity 100.0%; Pred. No. 5.9e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 282 CTCTCTCTCTCT 295
Db 14 CTCTCTCTCTCT 1

RESULT 1732

US-09-504-231A-847
; Sequence 847, Application US/09504231A
; Patent No. US20020013458A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwigen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAITC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/504,231A
; CURRENT FILING DATE: 2000-02-15
; PRIOR APPLICATION NUMBER: 09/274,553
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 847
; LENGTH: 15
; TYPE: RNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target.
US-09-504-231A-847

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3002 GCCCATCTACACGC 3015
Db 2 GCCCATCTACACGC 15

RESULT 1733
US-09-274-553D-847
; Sequence 847, Application US/09274553D
; Patent No. US2002008225A1
; GENERAL INFORMATION:
; APPLICANT: Blatt, Lawrence
; APPLICANT: McSwigen, James
; APPLICANT: Roberts, Beth
; APPLICANT: Pavco, Pamela
; APPLICANT: Macejak, Dennis
; TITLE OF INVENTION: ENZYMAITC NUCLEIC ACID TREATMENT OF DISEASES OR CONDITIONS RELAT
; FILE REFERENCE: IPI 247/282
; CURRENT APPLICATION NUMBER: US/09/274,553D
; CURRENT FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 09/257,608
; PRIOR FILING DATE: 1999-02-24
; PRIOR APPLICATION NUMBER: 60/100,842
; PRIOR FILING DATE: 1998-09-18

PRIOR APPLICATION NUMBER: 60/083,217
PRIOR FILING DATE: 1998-04-27
NUMBER OF SEQ ID NOS: 3148
SOFTWARE: PatentIn version 3.0
SEQ ID NO 847
LENGTH: 15
TYPE: RNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Description of Artificial Sequence: Nucleic Acid Target
US-09-274-553D-847

Query Match 0.3%; Score 14; DB 1; Length 15;
Best Local Similarity 85.7%; Pred. No. 6.6e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY 3002 GCCCATCTACAGC 3015
Db 2 GCCCAUCUACAGC 15

RESULT 1734
US-09-866-108-6402
Sequence 6402, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: A60MICA Sequence Listing Engine
SEQ ID NO 6402
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens

US-09-866-108-6402

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3058 AGATCAAGCTGCAG 3071
Db 4 AGATCAAGCTGCAG 17

RESULT 1735
US-09-866-108-6406
Sequence 6406, Application US/09866108
Patent No. US20020048800A1
GENERAL INFORMATION:
APPLICANT: GU, Yizhong
APPLICANT: JI, Yonggang
APPLICANT: PENN, Sharon G.
APPLICANT: HANZEL, David K.
APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
TITLE OF INVENTION: MYOSIN-LIKE GENE EXPRESSED IN HUMAN HEART AND MUSCLE
FILE REFERENCE: A60MICA-7
CURRENT FILING DATE: 2001-05-25
PRIOR FILING DATE: 2001-05-25
PRIOR APPLICATION NUMBER: US 60/207,456
PRIOR FILING DATE: 2000-05-26
PRIOR APPLICATION NUMBER: GB 24263.6
PRIOR FILING DATE: 2000-10-04
PRIOR APPLICATION NUMBER: US 60/236,359
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION NUMBER: PCT/US01/00666
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00667
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00664
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00669
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00665
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00668
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00663
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00662
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00661
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: PCT/US01/00670
PRIOR FILING DATE: 2001-01-30
PRIOR APPLICATION NUMBER: US 60/234,687
PRIOR FILING DATE: 2000-09-21
PRIOR APPLICATION NUMBER: US 60/266,860
PRIOR FILING DATE: 2001-02-05
NUMBER OF SEQ ID NOS: 15752
SOFTWARE: A60MICA Sequence Listing Engine
SEQ ID NO 6406
LENGTH: 17
TYPE: DNA
ORGANISM: Homo sapiens
US-09-866-108-6406

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3059 GATCAAGCTGCAG 3072
Db 1 GATCAAGCTGCAG 14

RESULT 1736
US-10-213-878-2/c
; Sequence 2, Application US/10213878
; Publication No. US20030073206A1
; GENERAL INFORMATION:
; APPLICANT: Bramucci, Michael
; APPLICANT: Nagarsajan, Vasantha
; APPLICANT: Thomas, Stuart
; TITLE OF INVENTION: Use of Xylene Monooxygenase for the Oxidation of Substituted
; FILE REFERENCE: C11662 US NA
; CURRENT APPLICATION NUMBER: US/10/213,878
; PRIOR FILING DATE: 2002-08-07
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: primer
US-10-213-878-2

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4219 TCTGTGTGGCCAC 4232
DB 15 TCTGTGTGGCCAC 2

RESULT 1737
US-10-214-059-2/c
; Sequence 2, Application US/10214059
; Publication No. US2003007768A1
; GENERAL INFORMATION:
; APPLICANT: Bramucci, Michael
; APPLICANT: Nagarsajan, Vasantha
; APPLICANT: Thomas, Stuart
; TITLE OF INVENTION: Use of Xylene Monooxygenase for the Oxidation of Substituted
; FILE REFERENCE: C11663 US NA
; CURRENT APPLICATION NUMBER: US/10/214,059
; PRIOR FILING DATE: 2002-08-07
; PRIOR FILING DATE: 2001-08-10
; NUMBER OF SEQ ID NOS: 22
; SOFTWARE: Microsoft Office 97
; SEQ ID NO 2
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; NAME/KEY: misc feature
; OTHER INFORMATION: primer
US-10-214-059-2

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4219 TCTGTGTGGCCAC 4232
DB 15 TCTGTGTGGCCAC 2

RESULT 1738
US-10-156-306-4971/c

; Sequence 4971, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; PRIOR FILING DATE: 2002-05-28
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4971
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-4971

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4043 GCCCACCAGGCGCTC 4056
DB 17 GCCCACCAGGCGCTC 4

RESULT 1739
US-10-156-306-5901/c
; Sequence 5901, Application US/10156306
; Publication No. US20030119017A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: MCSwigen, James
; TITLE OF INVENTION: Enzymatic Nucleic Acid Treatment of Diseases or Conditions Relat
; FILE REFERENCE: MBH01-664-A (400/050)
; CURRENT APPLICATION NUMBER: US/10/156,306
; PRIOR FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 8013
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 5901
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-156-306-5901

Query Match 0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4042 GCCCACCAGGCGCTC 4055
DB 14 GCCCACCAGGCGCTC 1

RESULT 1740
US-10-297-068-1058/c
; Sequence 1058, Application US/10297068
; Publication No. US20030228585A1
; GENERAL INFORMATION:
; APPLICANT: INOKO, Hidetoshi
; APPLICANT: KAGIYA, Taeko
; APPLICANT: ICHIHARA, Tatsuo
; APPLICANT: Matsumura, Yoshiyuki
; APPLICANT: MORIYA, Shogo
; TITLE OF INVENTION: KIT AND METHOD FOR DETERMINING HLA TYPES
; FILE REFERENCE: 13140P1174
; CURRENT APPLICATION NUMBER: US/10/297,068
; PRIOR FILING DATE: 2002-11-27
; PRIOR FILING DATE: JP 2000-164798
; PRIOR FILING DATE: 2000-06-01

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; NUMBER OF SEQ ID NOS: 1298
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1058
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence:capture
US-10-297-068-1058
```

```
Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      1378 CGCACCGGCGCTCC 1391
Db      14 CGCACCGGCGCTCC 1
```

```
RESULT 1741
US-10-398-877-86
; Sequence 86, Application US/10398877
; Publication No. US20040058351A1
; GENERAL INFORMATION:
; APPLICANT: Sugita, Yuji
; APPLICANT: Hashida, Ryotchi
; APPLICANT: Ogawa, Kaoru
; APPLICANT: Nagasu, Takeshi
; APPLICANT: Obayashi, Masaya
; APPLICANT: Saito, Hirohisa
; TITLE OF INVENTION: Method of Testing for Allergic Diseases
; FILE REFERENCE: SHIMIZU-07906
; CURRENT APPLICATION NUMBER: US/10/398,877
; PRIOR FILING DATE: 2003-04-11
; PRIOR APPLICATION NUMBER: PCT/JP01/08574
; PRIOR FILING DATE: 2001-09-28
; PRIOR APPLICATION NUMBER: JP 2000-314093
; NUMBER OF SEQ ID NOS: 105
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 86
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic
US-10-398-877-86
```

```
Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      3695 CACCAAGCCGAG 3708
Db      3 CACCAAGCCGAG 16
```

```
RESULT 1742
US-10-138-674-894
; Sequence 894, Application US/10138674
; Publication No. US20040075565A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions Re
; FILE REFERENCE: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/138,674
; CURRENT FILING DATE: 2002-05-03
; NUMBER OF SEQ ID NOS: 20822
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```
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 894
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-138-674-894
```

```
Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 8.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      363 CAGGAGTCACTCA 376
Db      1 CAGGAGTCACTCA 14
```

```
RESULT 1743
US-10-676-154-348/C
; Sequence 348, Application US/10676154
; Publication No. US20040081996A1
; GENERAL INFORMATION:
; APPLICANT: John Landers
; APPLICANT: David Houseman
; APPLICANT: Barbara Jordan
; APPLICANT: Alain Charast
; TITLE OF INVENTION: Methods and Products Related to
; FILE REFERENCE: M0656/7045(HCL/MAT)
; CURRENT APPLICATION NUMBER: US/10/676,154
; CURRENT FILING DATE: 2003-09-29
; PRIOR APPLICATION NUMBER: US 60/101,757
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: PCT/US99/22283
; PRIOR FILING DATE: 1999-09-24
; NUMBER OF SEQ ID NOS: 691
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 348
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo Sapiens
US-10-676-154-348
```

```
Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
QY      2895 TACTGTAGACCA 2908
Db      15 TACTGTAGACCA 2
```

```
RESULT 1744
US-10-287-949A-894
; Sequence 894, Application US/10287949A
; Publication No. US20040102389A1
; GENERAL INFORMATION:
; APPLICANT: Ribozyne Pharmaceuticals, Inc.
; APPLICANT: Pavco, Pam
; APPLICANT: McSwigen, Jim
; APPLICANT: Stinchcomb, Dan
; APPLICANT: Escobedo, Jaime
; TITLE OF INVENTION: Method and Reagent for the Treatment of Diseases or Conditions R
; FILE REFERENCE: MEHB00-876-N (400/049)
; CURRENT APPLICATION NUMBER: US/10/287,949A
; CURRENT FILING DATE: 2003-04-11
; NUMBER OF SEQ ID NOS: 20822
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 894
; LENGTH: 17
; TYPE: RNA
; ORGANISM: Homo sapiens
US-10-287-949A-894
```

```
Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 85.7%; Pred. No. 8.1e+02;
Matches 12; Conservative 2; Mismatches 0; Indels 0; Gaps 0;

QY      363 CAGAGACTGACGCA 376
DB      1 CAGAGAGUCAGUCA 14

RESULT 1745
US-10-723-361-6402
; Sequence 6402, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.
; APPLICANT: RANK, David R.
; APPLICANT: CHEN, Wensheng
; APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6402
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6402

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3058 AGATCAAGCTGCAG 3071
DB      4 AGATCAAGCTGCAG 17

RESULT 1746
US-10-723-361-6406
; Sequence 6406, Application US/10723361
; Publication No. US20040137589A1
; GENERAL INFORMATION:
; APPLICANT: GU, Yizhong
; APPLICANT: JI, Yonggang
; APPLICANT: PENN, Sharon G.
; APPLICANT: HANZEL, David K.

APPLICANT: RANK, David R.
APPLICANT: CHEN, Wensheng
APPLICANT: SHANNON, Mark
; TITLE OF INVENTION: HUMAN MYOSIN-LIKE POLYPEPTIDE EXPRESSED PREDOMINANTLY IN HEART AN
; FILE REFERENCE: PB0105
; CURRENT APPLICATION NUMBER: US/10/723,361
; PRIOR FILING DATE: 2003-11-26
; PRIOR APPLICATION NUMBER: US 09/866,108
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 60/207,456
; PRIOR FILING DATE: 2000-05-26
; PRIOR APPLICATION NUMBER: GB 24263.6
; PRIOR FILING DATE: 2000-10-04
; PRIOR APPLICATION NUMBER: US 60/236,359
; PRIOR FILING DATE: 2000-09-27
; PRIOR APPLICATION NUMBER: PCT/US01/00666
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00667
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00664
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00669
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00665
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: PCT/US01/00668
; PRIOR FILING DATE: 2001-01-30
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 15755
; SOFTWARE: Aecomica Sequence Listing Engine
; SEQ ID NO 6406
; LENGTH: 17
; TYPE: DNA
; ORGANISM: Homo sapiens
US-10-723-361-6406

Query Match      0.3%; Score 14; DB 1; Length 17;
Best Local Similarity 100.0%; Pred. No. 8.1e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3059 GATCAAGCTGCAGA 3072
DB      1 GATCAAGCTGCAGA 14

RESULT 1747
US-09-067-638B-22/c
; Sequence 22, Application US/09067638B
; Patent No. US20020028923A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowseert
; APPLICANT: Brenda F. Baker
; APPLICANT: John McNeil
; APPLICANT: Susan M. Freler
; APPLICANT: Henri M. Sasnor
; APPLICANT: Douglas G. Brooks
; APPLICANT: Cara Ohashi
; APPLICANT: Jacqueline R. Wyatt
; APPLICANT: Alexander Borchers
; APPLICANT: Timothy A. Vickers
; TITLE OF INVENTION: Identification of Genetic
; TITLE OF INVENTION: Targets for Modulation By Oligonucleotides and
; TITLE OF INVENTION: Generation of Oligonucleotides for Gene
; TITLE OF INVENTION: Modulation
; NUMBER OF SEQUENCES: 112
; CORRESPONDENCE ADDRESSES:
; ADDRESSEE: WOODCOCK WASHBURN KURTZ
; ADDRESSEE: MACKIEWICZ & NORRIS LLP
; STREET: 1 LIBERTY PLACE 46TH FLOOR
; CITY: PHILADELPHIA
; STATE: PA
; COUNTRY: USA
; ZIP: 19103
```

```
COMPUTER READABLE FORM:
MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
COMPUTER: IBM
OPERATING SYSTEM: PC-Windows NT
SOFTWARE: WORD PERFECT 6.1
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/067,638B
FILING DATE: 28-APR-1998
CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 60/081,483
FILING DATE: 13-APR-1998
ATTORNEY/AGENT INFORMATION:
NAME: John W. Caldwell
REGISTRATION NUMBER: 28,937
REFERENCE/DOCKET NUMBER: 1SIS-2960
TELECOMMUNICATION INFORMATION:
TELEPHONE: (215) 568-3100
TELEFAX: (215) 568-3439
INFORMATION FOR SEQ ID NO: 22:
SEQUENCE CHARACTERISTICS:
LENGTH: 18
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
US-09-067-638B-22
```

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Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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```
OY 4230 CACAGAGTTCACGTG 4243
DB 14 CACAGAGTTCACGTG 1
```

```
RESULT 1748
US-09-985-335-23
Sequence 23, Application US/09985335
Publication No. US20020164794A1
GENERAL INFORMATION:
APPLICANT: Werneck, Peter
TITLE OF INVENTION: HUMAN CORD BLOOD DERIVED UNRESTRICTED SOMATIC STEM CELLS (USSC)
FILE REFERENCE: P66065U1
CURRENT APPLICATION NUMBER: US/09/985,335
CURRENT FILING DATE: 2001-11-02
PRIOR APPLICATION NUMBER: U.S. 60/245,168
PRIOR FILING DATE: 2000-11-03
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.2
SEQ ID NO 23
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial
FEATURE:
OTHER INFORMATION: primer sequence
US-09-985-335-23
```

```
Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 152 CTGCCACTGGACAC 165
DB 2 CTGCCACTGGACAC 15
```

```
RESULT 1749
US-10-116-325-22/c
Sequence 22, Application US/10116325
Publication No. US20030113739A1
GENERAL INFORMATION:
APPLICANT: Cowseart, Lex M.
```

```
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freier, Susan M.
APPLICANT: Saemor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: Identification Of Genetic Targets For Modulation By Oligonucleotides
FILE REFERENCE: 1SIS5026
CURRENT APPLICATION NUMBER: US/10/116,325
CURRENT FILING DATE: 2002-04-04
PRIOR APPLICATION NUMBER: 09/067,638
PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/081,483
PRIOR FILING DATE: 1998-04-13
NUMBER OF SEQ ID NOS: 112
SOFTWARE: PatentIn version 3.1
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: No. US20030113739A1 Sequence
US-10-116-325-22
```

```
Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 4230 CACAGAGTTCACGTG 4243
DB 14 CACAGAGTTCACGTG 1
```

```
RESULT 1750
US-10-388-263-22/c
Sequence 22, Application US/10388263
Publication No. US20030228597A1
GENERAL INFORMATION:
APPLICANT: Cowseart, Lex M.
APPLICANT: Baker, Brenda F.
APPLICANT: McNeil, John
APPLICANT: Freier, Susan M.
APPLICANT: Saemor, Henri M.
APPLICANT: Brooks, Douglas G.
APPLICANT: Ohashi, Cara
APPLICANT: Wyatt, Jacqueline R.
APPLICANT: Borchers, Alexander
APPLICANT: Vickers, Timothy A.
TITLE OF INVENTION: IDENTIFICATION OF GENETIC TARGETS FOR MODULATION BY OLIGONUCLEOTIDES AND
TITLE OF INVENTION: MODULATION BY OLIGONUCLEOTIDES FOR GENE MODULATION
FILE REFERENCE: 1SIS-4503
CURRENT APPLICATION NUMBER: US/10/388,263
CURRENT FILING DATE: 2003-03-12
NUMBER OF SEQ ID NOS: 947
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 22
LENGTH: 18
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Antisense Oligonucleotide
US-10-388-263-22
```

```
Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

```
OY 4230 CACAGAGTTCACGTG 4243
```

Db 14 CACGAGTTCACGTG 1

RESULT 1751
US-10-349-143-5578/c
; Sequence 5578, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marla
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density....
; FILE REFERENCE: GENSET 020CC1
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 5578
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..18
; OTHER INFORMATION: upstream amplification primer 99-5379 for SEQ 1644,
US-10-349-143-5578

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4787 CAGTCTTGTGTTG 4800
DB 15 CAGTCTTGTGTTG 2

RESULT 1752
US-10-698-689-22/c
; Sequence 22, Application US/10698689
; Publication No. US20040186071A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Malik, Leila
; APPLICANT: Siwkowski, Andrew
; APPLICANT: Eldrup, Anne B.
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 EXPRESSION
; FILE REFERENCE: ISIS-5315
; CURRENT APPLICATION NUMBER: US/10/698,689
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/31166
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 10/261,382
; PRIOR FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: US 09/067,638
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: US 60/081,483
; PRIOR FILING DATE: 1998-04-13
; NUMBER OF SEQ ID NOS: 248
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 22
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:

OTHER INFORMATION: Synthetic Construct
US-10-698-689-22

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4230 CACGAGTTCACGTG 4243
DB 14 CACGAGTTCACGTG 1

RESULT 1753
US-10-698-689-186
; Sequence 186, Application US/10698689
; Publication No. US20040186071A1
; GENERAL INFORMATION:
; APPLICANT: Bennett, C. Frank
; APPLICANT: Cowsett, Lex M.
; APPLICANT: Malik, Leila
; APPLICANT: Siwkowski, Andrew
; APPLICANT: Eldrup, Anne B.
; TITLE OF INVENTION: ANTISENSE MODULATION OF CD40 EXPRESSION
; FILE REFERENCE: ISIS-5315
; CURRENT APPLICATION NUMBER: US/10/698,689
; CURRENT FILING DATE: 2003-10-31
; PRIOR APPLICATION NUMBER: PCT/US03/31166
; PRIOR FILING DATE: 2003-09-30
; PRIOR APPLICATION NUMBER: US 10/261,382
; PRIOR FILING DATE: 2002-09-30
; PRIOR APPLICATION NUMBER: US 09/067,638
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: US 60/081,483
; PRIOR FILING DATE: 1998-04-13
; NUMBER OF SEQ ID NOS: 248
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 186
; LENGTH: 18
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Construct
US-10-698-689-186

Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4230 CACGAGTTCACGTG 4243
DB 5 CACGAGTTCACGTG 18

RESULT 1754
US-10-830-475-22/c
; Sequence 22, Application US/10830475
; Publication No. US20040197814A1
; GENERAL INFORMATION:
; APPLICANT: Lex M. Cowsett
; APPLICANT: Brenda F. Baker
; APPLICANT: John McNeill
; APPLICANT: Susan M. Freiler
; APPLICANT: Henri M. Sasmor
; APPLICANT: Douglas G. Brooke
; APPLICANT: Cara Ohashi
; APPLICANT: Jacqueline R. Wyatt
; APPLICANT: Alexander Borchers
; APPLICANT: Timothy A. Vickers
; TITLE OF INVENTION: Identification of Genetic
; Targets for Modulation By Oligonucleotides and
; Generation of Oligonucleotides for Gene
; Modulation
; NUMBER OF SEQUENCES: 112

;; CORRESPONDENCE ADDRESS:
;; ADDRESSEE: WOODCOCK WASHBURN KURTZ
;; STREET: 1 LIBERTY PLACE 46TH FLOOR
;; CITY: PHILADELPHIA
;; STATE: PA
;; COUNTRY: USA
;; ZIP: 19103
;;
;; COMPUTER READABLE FORM:
;; MEDIUM TYPE: DISKETTE, 3.5 INCH, 1.44 MB
;;
;; COMPUTER: IBM
;; OPERATING SYSTEM: PC-Windows NT
;; SOFTWARE: WORD PERFECT 6.1
;;
;; CURRENT APPLICATION DATA:
;; APPLICATION NUMBER: US/10/830.475
;; FILING DATE: 21-Apr-2004
;; CLASSIFICATION: 435
;;
;; PRIOR APPLICATION DATA:
;; APPLICATION NUMBER: US/09/067,638B
;; FILING DATE: 28-APR-1998
;; APPLICATION NUMBER: 60/081,483
;; FILING DATE: 13-APR-1998
;;
;; ATTORNEY/AGENT INFORMATION:
;; NAME: John W. Caldwell
;; REGISTRATION NUMBER: 28,937
;; REFERENCE/DOCKET NUMBER: 151S-2960
;; TELECOMMUNICATION INFORMATION:
;; TELEPHONE: (215) 568-3100
;; TELEFAX: (215) 568-3439
;;
;; INFORMATION FOR SEQ ID NO: 22:
;;
;; SEQUENCE CHARACTERISTICS:
;; LENGTH: 18
;; TYPE: nucleic acid
;; STRANDEDNESS: single
;; TOPOLOGY: linear
;;
;; SEQUENCE DESCRIPTION: SEQ ID NO: 22:
US-10-830-475-22
;
Query Match 0.3%; Score 14; DB 1; Length 18;
Best Local Similarity 100.0%; Pred. No. 8.8e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 4230 CACAGAGTCTACTG 4243
Db 14 CACAGAGTCTACTG 1
;
RESULT 1755
US-10-086-181-10
;; Sequence 10, Application US/10086181
;; Publication No. US20020177151A1
;; GENERAL INFORMATION:
;; APPLICANT: GIMENO, Ruth
;; TITLE OF INVENTION: METHODS FOR THE TREATMENT OF METABOLIC
;; FILE REFERENCE: KMI-220
;; CURRENT APPLICATION NUMBER: US/10/086,181
;; CURRENT FILING DATE: 2002-02-26
;; PRIOR APPLICATION NUMBER: 60/271,655
;; PRIOR FILING DATE: 2001-02-26
;; NUMBER OF SEQ ID NOS: 16
;; SOFTWARE: FastSeq for Windows Version 4.0
;; SEQ ID NO 10
;; LENGTH: 19
;; TYPE: DNA
;; ORGANISM: Homo sapiens
US-10-086-181-10
;
Query Match 0.3%; Score 14; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 9.6e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 2295 ACCTGGAGGAGGAGA 2308

Db 1 ACCTGGAGGAGGAGA 14
;;
RESULT 1756
US-10-435-696-217/c
;; Sequence 217, Application US/10435696
;; Publication No. US20040018525A1
;; GENERAL INFORMATION:
;; APPLICANT: Wirtz, Ralph
;; APPLICANT: Munnes, Marc
;; APPLICANT: Kallabie, Harald
;; TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE PREDICTION, DIAGNOSIS, PROGNOSIS
;; TITLE OF INVENTION: PREVENTION AND TREATMENT OF MALIGNANT NEOPLASIA
;; FILE REFERENCE: Lea 36 108
;; CURRENT APPLICATION NUMBER: US/10/435,696
;; CURRENT FILING DATE: 2003-05-09
;; PRIOR APPLICATION NUMBER: EP03003112.4
;; PRIOR FILING DATE: 2003-02-13
;; PRIOR APPLICATION NUMBER: EP02010291.9
;; PRIOR FILING DATE: 2002-05-21
;; NUMBER OF SEQ ID NOS: 314
;; SOFTWARE: PatentIn version 3.1
;; SEQ ID NO 217
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: ARTIFICIAL SEQUENCE
;; FEATURE:
US-10-435-696-217
;
Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 825 GAAGAGGACACAGG 838
Db 20 GAAGAGGACACAGG 7
;
RESULT 1757
US-09-774-809-36
;; Sequence 36, Application US/09774809
;; Publication No. US20030004120A1
;; GENERAL INFORMATION:
;; APPLICANT: McKay, Robert A.
;; APPLICANT: Dean, Nicholas M.
;; APPLICANT: Monia, Brett
;; APPLICANT: Nero, Pam
;; APPLICANT: Gaarde, William A.
;; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS
;; FILE REFERENCE: ISPH-0412
;; CURRENT APPLICATION NUMBER: US/09/774,809
;; CURRENT FILING DATE: 2001-01-31
;; PRIOR APPLICATION NUMBER: 09/396,902
;; PRIOR FILING DATE: 1999-09-15
;; PRIOR APPLICATION NUMBER: 09/130,616
;; PRIOR FILING DATE: 1998-08-07
;; PRIOR APPLICATION NUMBER: 08/910,629
;; PRIOR FILING DATE: 1997-08-03
;; NUMBER OF SEQ ID NOS: 165
;; SEQ ID NO 36
;; LENGTH: 20
;; TYPE: DNA
;; ORGANISM: Artificial Sequence
;; FEATURE:
US-09-774-809-36
;
Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1680 TGAGAGGAGTGGC 1893
Db 1 TGAGAGGAGTGGC 14

RESULT 1758
US-09-863-049A-13
; Sequence 13, Application US/09863049A
; Publication No. US2003032055A1
; GENERAL INFORMATION:
; APPLICANT: Kenwright, Sue J.
; APPLICANT: Nelson, David L.
; APPLICANT: Aradhy, Swaroop
; APPLICANT: D'Urso, Michele
; APPLICANT: Woffendin, Hayley
; APPLICANT: Munich, Arnold
; APPLICANT: Smah, Aemae
; APPLICANT: Israel, Alain
; APPLICANT: Pouscka, Annemarie
; APPLICANT: Lewis, Richard A
; APPLICANT: Levy, Moise
; APPLICANT: Heiss, Nina
; TITLE OF INVENTION: Diagnosis and Treatment of Medical Conditions Associated with Def
; TITLE OF INVENTION: NF-KAPPA B (NF-KB) Activation
; FILE REFERENCE: HO-P01961US1
; CURRENT APPLICATION NUMBER: US/09/863,049A
; CURRENT FILING DATE: 2001-05-22
; PRIOR APPLICATION NUMBER: US 60/206,223
; PRIOR FILING DATE: 2000-05-22
; NUMBER OF SEQ ID NOS: 77
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 13
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Human
US-09-863-049A-13

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1669 TCCTGCAGCAGATG 1682
Db 3 TCCTGCAGCAGATG 16

RESULT 1759
US-09-915-814-149/c
; Sequence 149, Application US/09915814
; Publication No. US20030096771A1
; GENERAL INFORMATION:
; APPLICANT: Madeline M. Butler
; APPLICANT: Andrew T. Watt
; APPLICANT: Susan M. Freier
; APPLICANT: Jacqueline Wyatt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HORMONE-SENSITIVE LIPASE EXPRESSION
; FILE REFERENCE: ISPH-0387
; CURRENT APPLICATION NUMBER: US/09/915,814
; CURRENT FILING DATE: 2001-07-26
; NUMBER OF SEQ ID NOS: 230
; SEQ ID NO 149
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-915-814-149

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3527 GGAGACCTGCCG 3540
Db 17 GGAGACCTGCCG 4

RESULT 1760
US-09-908-147-92
; Sequence 92, Application US/09908147
; Publication No. US20030144221A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0195
; CURRENT APPLICATION NUMBER: US/09/908,147
; CURRENT FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-09-908-147-92

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3285 CCCCTGCAGCTGAA 3298
Db 4 CCCCTGCAGCTGAA 17

RESULT 1761
US-10-006-972A-14/c
; Sequence 14, Application US/10006972A
; Publication No. US20030139359A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: ANTISENSE MODULATION OF PHOSPHOLIPID SCRAMBLASE 3 EXPRESSION
; FILE REFERENCE: RTS-0335
; CURRENT APPLICATION NUMBER: US/10/006,972A
; CURRENT FILING DATE: 2001-12-04
; NUMBER OF SEQ ID NOS: 94
; SEQ ID NO 14
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-006-972A-14

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 913 CCAGCTCCTGTGAG 926
Db 20 CCAGCTCCTGTGAG 7

RESULT 1762
US-10-029-517-61/c
; Sequence 61, Application US/10029517
; Publication No. US20030148969A1
; GENERAL INFORMATION:
; APPLICANT: Kenneth W. Dobie
; APPLICANT: Susan J. Myers
; TITLE OF INVENTION: ANTISENSE MODULATION OF MUCIN 1, TRANSMEMBRANE EXPRESSION
; FILE REFERENCE: RTS-0352
; CURRENT APPLICATION NUMBER: US/10/029,517
; CURRENT FILING DATE: 2001-12-20


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; NUMBER OF SEQ ID NOS: 107
; SEQ ID NO 61
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-029-517-61

Query Match      0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      384 TGGTGCAGCAGCC 397
Db      15 TGGTGCAGCAGCC 2

RESULT 1763
US-10-181-856-85/c
; Sequence 85, Application US/10181856
; Publication No. US20030212018A1
; GENERAL INFORMATION:
; APPLICANT: Brett P. Monia
; APPLICANT: William Gaarde
; APPLICANT: Donna T. Ward
; APPLICANT: Susan M. Freiler
; TITLE OF INVENTION: ANTISENSE MODULATION OF MEK2 EXPRESSION
; FILE REFERENCE: RISP-0345
; CURRENT APPLICATION NUMBER: US/10/181,856
; PRIOR FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: PCT/US01/01361
; PRIOR FILING DATE: 2001-01-16
; PRIOR APPLICATION NUMBER: 09/488,744
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 88
; SEQ ID NO 85
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-181-856-85

Query Match      0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      4426 TTATTAATTAATAT 4439
Db      16 TTATTAATTAATAT 3

RESULT 1764
US-10-349-143-11201/c
; Sequence 11201, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CPI
; CURRENT APPLICATION NUMBER: US/10/349,143
; PRIOR FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
```

```
; PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
; NUMBER OF SEQ ID NOS: 11796
; SEQ ID NO 11201
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Homo Sapiens
; FEATURE:
; NAME/KEY: primer_bind
; LOCATION: 1..20
; OTHER INFORMATION: downstream amplification primer 99-3373 for SEQ 3336, in complem
US-10-349-143-11201

Query Match      0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      4562 CACCACTTTAAAC 4575
Db      20 CACCACTTTAAAC 7

RESULT 1765
US-10-289-762-6546/c
; Sequence 6546, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; PRIOR FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: 09/488,744
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6546
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6546

Query Match      0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      1671 CTGCAGCAGATGAA 1684
Db      16 CTGCAGCAGATGAA 3

RESULT 1766
US-10-289-762-6743/c
; Sequence 6743, Application US/10289762
; Publication No. US20040006218A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths, R.
; TITLE OF INVENTION: Chlamydia pneumoniae genomic sequence and polypeptides, fragment
; TITLE OF INVENTION: thereof and uses thereof, in particular for the diagnosis, prev
; FILE REFERENCE: 9710-003-999
; CURRENT APPLICATION NUMBER: US/10/289,762
; PRIOR FILING DATE: 2003-03-27
; PRIOR APPLICATION NUMBER: 09/488,744
; PRIOR FILING DATE: 2000-01-20
; NUMBER OF SEQ ID NOS: 6849
; SEQ ID NO 6743
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Chlamydia pneumoniae
US-10-289-762-6743

Query Match      0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Oy      562 AGCGCTTTCAGG 575
```

Db 14 AGCTGCTTTCAGG 1

RESULT 1767
US-10-352-179-31/c
; Sequence 31, Application US/10352179
; Publication No. US20040006788A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Guo-Liang
; APPLICANT: Liu, Guilu
; TITLE OF INVENTION: Procedures and Materials for Conferring Disease Resistance in Pig
; FILE REFERENCE: 22727/04108
; CURRENT APPLICATION NUMBER: US/10/352,179
; CURRENT FILING DATE: 2003-01-27
; PRIOR APPLICATION NUMBER: 60/352,106
; PRIOR FILING DATE: 2002-01-25
; NUMBER OF SEQ ID NOS: 97
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 31
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Oryza minuta
US-10-352-179-31

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 767 TTACAAGAGAGAA 780
Db 14 TTACAAGAGAGAA 1

RESULT 1768
US-10-345-444B-36
; Sequence 36, Application US/10345444B
; Publication No. US20040029823A1
; GENERAL INFORMATION:
; APPLICANT: McKay, Robert A.
; APPLICANT: Dean, Nicholas M.
; APPLICANT: Monia, Brett
; APPLICANT: Nero, Pam
; APPLICANT: Gaarde, William A.
; TITLE OF INVENTION: ANTISENSE OLIGONUCLEOTIDE COMPOSITIONS AND METHODS FOR THE MODULA
; FILE REFERENCE: ISPH-0726
; CURRENT APPLICATION NUMBER: US/10/345,444B
; CURRENT FILING DATE: 2003-01-15
; PRIOR APPLICATION NUMBER: US 09/774,809
; PRIOR FILING DATE: 2001-01-31
; PRIOR APPLICATION NUMBER: US 09/396,902
; PRIOR FILING DATE: 1999-09-15
; PRIOR APPLICATION NUMBER: US 09/287,796
; PRIOR FILING DATE: 1999-04-07
; PRIOR APPLICATION NUMBER: US 09/130,616
; PRIOR FILING DATE: 1998-08-07
; PRIOR APPLICATION NUMBER: US 08/910,629
; PRIOR FILING DATE: 1997-08-03
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 36
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetic Sequence
US-10-345-444B-36

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1880 TGAGAGAGAGTGC 1893

Db 1 TGAGAGAGAGTGC 14

RESULT 1769
US-10-273-826-79
; Sequence 79, Application US/10273826
; Publication No. US20040077083A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
; FILE REFERENCE: RTS-0161
; CURRENT APPLICATION NUMBER: US/10/273,826
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-273-826-79

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 TGAGGCCAAGAGG 936
Db 2 TGAGGCCAAGAGG 15

RESULT 1770
US-10-274-347-79
; Sequence 79, Application US/10274347
; Publication No. US20040077084A1
; GENERAL INFORMATION:
; APPLICANT: Andrew T. Watt
; APPLICANT: Steven Davidsen
; APPLICANT: Junling Li
; APPLICANT: Keith Glaser
; TITLE OF INVENTION: ANTISENSE MODULATION OF HISTONE DEACETYLASE 4 EXPRESSION
; FILE REFERENCE: RTS-0264
; CURRENT APPLICATION NUMBER: US/10/274,347
; CURRENT FILING DATE: 2002-10-17
; NUMBER OF SEQ ID NOS: 87
; SEQ ID NO 79
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-274-347-79

Query Match 0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 923 TGAGGCCAAGAGG 936
Db 2 TGAGGCCAAGAGG 15

RESULT 1771
US-10-728-509-92
; Sequence 92, Application US/10728509
; Publication No. US20040077583A1
; GENERAL INFORMATION:
; APPLICANT: Hong Zhang
; APPLICANT: Andrew T. Watt
; TITLE OF INVENTION: ANTISENSE MODULATION OF BCL2-ASSOCIATED X PROTEIN EXPRESSION
; FILE REFERENCE: RTS-0185
; CURRENT APPLICATION NUMBER: US/10/728,509

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; CURRENT FILING DATE: 2003-12-05
; PRIOR APPLICATION NUMBER: US/09/908,147
; PRIOR FILING DATE: 2001-07-17
; NUMBER OF SEQ ID NOS: 168
; SEQ ID NO 92
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-728-509-92

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3285 CCCCTGCACGTGAA 3298
Db      4 CCCCTGCACGTGAA 17

RESULT 1772
US-10-315-765-42
; Sequence 42, Application US/10315765
; Publication No. US20040110140A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 42
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-315-765-42

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4611 CCAGTGCCTCTCTG 4624
Db      7 CCAGTGCCTCTCTG 20

RESULT 1773
US-10-315-765-102/c
; Sequence 102, Application US/10315765
; Publication No. US20040110140A1
; GENERAL INFORMATION:
; APPLICANT: C. Frank Bennett
; APPLICANT: Susan M. Freier
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF CDK9 EXPRESSION
; FILE REFERENCE: PTS-0020
; CURRENT APPLICATION NUMBER: US/10/315,765
; CURRENT FILING DATE: 2002-12-09
; NUMBER OF SEQ ID NOS: 128
; SEQ ID NO 102
; LENGTH: 20
; TYPE: DNA
; ORGANISM: H. sapiens
; FEATURE:
; OTHER INFORMATION:
US-10-315-765-102

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4611 CCAGTGCCTCTCTG 4624
Db      14 CCAGTGCCTCTCTG 1

RESULT 1774
US-10-317-500-123/c
; Sequence 123, Application US/10317500
; Publication No. US20040115637A1
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0380
; CURRENT APPLICATION NUMBER: US/10/317,500
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 276
; SEQ ID NO 123
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-317-500-123

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1339 ACAAGTCAAGGCC 1352
Db      18 ACAAGTCAAGGCC 5

RESULT 1775
US-10-317-500-239
; Sequence 239, Application US/10317500
; Publication No. US20040115637A1
; GENERAL INFORMATION:
; APPLICANT: Robert McKay
; APPLICANT: Kenneth W. Dobie
; TITLE OF INVENTION: MODULATION OF PPAR-ALPHA EXPRESSION
; FILE REFERENCE: RTS-0380
; CURRENT APPLICATION NUMBER: US/10/317,500
; CURRENT FILING DATE: 2002-12-11
; NUMBER OF SEQ ID NOS: 276
; SEQ ID NO 239
; LENGTH: 20
; TYPE: DNA
; ORGANISM: M. musculus
; FEATURE:
; OTHER INFORMATION:
US-10-317-500-239

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1339 ACAAGTCAAGGCC 1352
Db      3 ACAAGTCAAGGCC 16

RESULT 1776
US-10-656-269-47
; Sequence 47, Application US/10656269
; Publication No. US20040152105A1
; GENERAL INFORMATION:
; APPLICANT: Bachmann, Martin
; APPLICANT: Vogt, Lorenz
; TITLE OF INVENTION: Immune Modulatory Compounds and Methods
; FILE REFERENCE: 1700.0390002

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; CURRENT APPLICATION NUMBER: US/10/656,269
; CURRENT FILING DATE: 2003-09-08
; PRIOR APPLICATION NUMBER: 60/408,233
; PRIOR FILING DATE: 2002-09-06
; PRIOR APPLICATION NUMBER: 60/449,583
; PRIOR FILING DATE: 2003-02-26
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 47
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: B76-1 oligonucleotide
US-10-656-269-47

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4269 GAGGCTGGAAGAA 4282
Db      3 GAGGCTGGAAGAA 16
|||||
RESULT 1777
US-10-641-455A-225
; Sequence 225, Application US/10641455A
; Publication No. US20040171566A1
; GENERAL INFORMATION:
; APPLICANT: Monia, Brett P.
; APPLICANT: Nero, Pamela S.
; APPLICANT: McKay, Robert
; APPLICANT: Popoff, Ian
; APPLICANT: Wong, Mai Shu Fred
; TITLE OF INVENTION: Antisense Oligonucleotide Modulation of p38 Mitogen
; TITLE OF INVENTION: Activated Protein Kinase Expression
; FILE REFERENCE: ISPH-0762
; CURRENT APPLICATION NUMBER: US/10/641,455A
; CURRENT FILING DATE: 2003-08-15
; PRIOR APPLICATION NUMBER: US 10/238,442
; PRIOR FILING DATE: 2002-09-09
; PRIOR APPLICATION NUMBER: US 09/640,101
; PRIOR FILING DATE: 2000-08-15
; PRIOR APPLICATION NUMBER: US 09/286,904
; PRIOR FILING DATE: 1999-04-06
; NUMBER OF SEQ ID NOS: 266
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 225
; LENGTH: 20
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Antisense Oligonucleotide
US-10-641-455A-225

Query Match          0.3%; Score 14; DB 1; Length 20;
Best Local Similarity 100.0%; Pred. No. 1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1032 GGGCTTCAGAGA 1045
Db      4 GGGCTTCAGAGA 17
|||||
RESULT 1778
US-09-782-837-42/C
; Sequence 42, Application US/09782837
; Patent No. US20020127714A1
; GENERAL INFORMATION:
; APPLICANT: HOUSMAN, DAVID E.
; APPLICANT: LEDLEY, FRED D.
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; APPLICANT: STANTON, VINCENT P., JR.
; TITLE OF INVENTION: INHIBITORS OF ALTERNATIVE ALLELES OF GENES ENCODING
; TITLE OF INVENTION: PRODUCTS THAT MEDIATE CELL RESPONSE TO ENVIRONMENTAL
; TITLE OF INVENTION: CHANGES
; FILE REFERENCE: 233/055
; CURRENT APPLICATION NUMBER: US/09/782,837
; CURRENT FILING DATE: 2001-02-14
; PRIOR APPLICATION NUMBER: 09/045,054
; PRIOR FILING DATE: 1998-03-19
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 42
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Homo sapiens
; FEATURE:
; OTHER INFORMATION: The letter "y" stands for c or t.
US-09-782-837-42

Query Match          0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 87.5%; Pred. No. 1.1e+03;
Matches 14; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY      3720 GCGGAGGCGCCGCA 3735
Db      17 GCGGAGGCGCCGCA 2
|||||
RESULT 1779
US-09-961-700A-10/C
; Sequence 10, Application US/09961700A
; Publication No. US20020187482A1
; GENERAL INFORMATION:
; APPLICANT: Liang, Zilai
; APPLICANT: Zhang, Hong-Yan
; APPLICANT: Wahlestedt, Claes
; TITLE OF INVENTION: Methods and Means of RNA Analysis
; FILE REFERENCE: 13522-003001
; CURRENT APPLICATION NUMBER: US/09/961,700A
; CURRENT FILING DATE: 2002-07-23
; PRIOR APPLICATION NUMBER: 60/235,029
; PRIOR FILING DATE: 2001-09-25
; NUMBER OF SEQ ID NOS: 71
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 10
; LENGTH: 21
; TYPE: DNA
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Synthetically generated oligonucleotide
US-09-961-700A-10

Query Match          0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      4644 CCTTAAGAGACTGA 4657
Db      17 CCTTAAGAGACTGA 4
|||||
RESULT 1780
US-10-258-423-16
; Sequence 16, Application US/10258423
; Publication No. US20030211968A1
; GENERAL INFORMATION:
; APPLICANT: Merck & Co., Inc.
; TITLE OF INVENTION: NEW NEUROMEDIN U RECEPTOR NMUR2 AND
; TITLE OF INVENTION: NUCLEOTIDES ENCODING IT
; FILE REFERENCE: 20658P
; CURRENT APPLICATION NUMBER: US/10/258,423
; CURRENT FILING DATE: 2002-10-24
```

PRIOR APPLICATION NUMBER: 60/200,718
PRIOR FILING DATE: 2000-04-27
NUMBER OF SEQ ID NOS: 19
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 16
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: PCR probe
FEATURE:
NAME/KEY: misc.feature
LOCATION: (1)...(21)
OTHER INFORMATION: n = A,T,C or G
US-10-258-423-16

Query Match: 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 70.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

Qy 4266 GCTAGCGCTGAGAGAAAC 4285
Db 1 GCTAGGATGANGCRAAC 20

RESULT 1781
US-10-301-477A-9
Sequence 9, Application US/10301477A
Publication No. US2004005581A1
GENERAL INFORMATION:
APPLICANT: Bonner, Timothy P.
TITLE OF INVENTION: HUMAN VANILLOID RECEPTOR PROTEIN AND
TITLE OF INVENTION: POLYNUCLEOTIDE SEQUENCE ENCODING SAME
FILE REFERENCE: T1562
CURRENT APPLICATION NUMBER: US/10/301,477A
CURRENT FILING DATE: 2002-11-21
PRIOR APPLICATION NUMBER: GB 0128161.7
PRIOR FILING DATE: 2001-11-23
NUMBER OF SEQ ID NOS: 31
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 9
LENGTH: 21
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Oligonucleotide primer
US-10-301-477A-9

Query Match: 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2309 GCACATCTCATCA 2322
Db 3 GCACATCTCATCA 16

RESULT 1782
US-10-349-143-10682/C
Sequence 10682, Application US/10349143
Publication No. US2004005584A1
GENERAL INFORMATION:
APPLICANT: Cohen, Daniel
APPLICANT: Blumenfeld, Marta
APPLICANT: Chumakov, Ilya
TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
FILE REFERENCE: GENSET.020CPI
CURRENT APPLICATION NUMBER: US/10/349,143
CURRENT FILING DATE: 2003-01-21
PRIOR APPLICATION NUMBER: US/09/422,978
PRIOR FILING DATE: 1999-10-20
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850

PRIOR FILING DATE: EARLIER FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
PRIOR FILING DATE: EARLIER FILING DATE: 1998-11-23
PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 10682
LENGTH: 21
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..21
OTHER INFORMATION: downstream amplification primer 99-19155 for SEQ 2817, in comple
US-10-349-143-10682

Query Match: 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2374 CAGAGAGAGGAG 2387
Db 21 CAGAGAGAGGAG 8

RESULT 1783
US-10-648-593-435/C
Sequence 435, Application US/10648593
Publication No. US20040106132A1
GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION: IDENTIFICATION OF GENES FOR PREDICTING ACTIVITY OF COMPOUNDS, THA
TITLE OF INVENTION: INTERACT WITH AND/OR MODULATE PROTEIN TYROSINE KINASES AND/OR
TITLE OF INVENTION: PROTEIN TYROSINE KINASE PATHWAYS IN BREAST CELLS
FILE REFERENCE: D0273 NP
CURRENT APPLICATION NUMBER: US/10/648,593
CURRENT FILING DATE: 2003-08-26
PRIOR APPLICATION NUMBER: 60/406,385
PRIOR FILING DATE: 2002-08-27
NUMBER OF SEQ ID NOS: 557
SOFTWARE: PatentIn version 3.2
SEQ ID NO 435
LENGTH: 21
TYPE: DNA
ORGANISM: Homo sapiens
US-10-648-593-435

Query Match: 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 2647 CTTCCAGTTTGT 2660
Db 17 CTTCCAGTTTGT 4

RESULT 1784
US-10-735-577-14/C
Sequence 14, Application US/10735577
Publication No. US20040142897A1
GENERAL INFORMATION:
APPLICANT: Waisman, David M.
TITLE OF INVENTION: Compositions and Methods for Inhibiting Tumor Growth and Metasta
FILE REFERENCE: ME03-009
CURRENT APPLICATION NUMBER: US/10/735,577
CURRENT FILING DATE: 2003-12-12
PRIOR APPLICATION NUMBER: US 60/433,140
PRIOR FILING DATE: 2002-12-13
NUMBER OF SEQ ID NOS: 160
SOFTWARE: Microsoft Word
SEQ ID NO 14
LENGTH: 21
TYPE: DNA

```

; ORGANISM: mammalian
US-10-735-577-14

Query Match      0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1029 AGTGGGCTTCAG 1042
      |||||
      20 AGTGGGCTTCAG 7

RESULT 1785
US-10-735-577-15/c
; Sequence 15, Application US/10735577
; Publication No. US20040142897A1
; GENERAL INFORMATION:
; APPLICANT: Malsman, David M.
; TITLE OF INVENTION: Compositions and Methods for Inhibiting Tumor Growth and Metastasis
; FILE REFERENCE: ME03-009
; CURRENT APPLICATION NUMBER: US/10/735,577
; PRIOR FILING DATE: 2003-12-12
; PRIOR APPLICATION NUMBER: US 60/433,140
; NUMBER OF SEQ ID NOS: 160
; SOFTWARE: Microsoft Word
; SEQ ID NO 15
; LENGTH: 21
; TYPE: DNA
; ORGANISM: mammalian
US-10-735-577-15

Query Match      0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred.No. 1.1e+03;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1029 AGTGGGCTTCAG 1042
      |||||
      20 AGTGGGCTTCAG 7

RESULT 1786
US-10-786-720-4550
; Sequence 4550, Application US/10786720
; Publication No. US20040191818A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: O'Toole, Margot
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR DIAGNOSING AND TREATING AUTOIMMUNE
; FILE REFERENCE: 031896-023000 (AM101311L)
; CURRENT APPLICATION NUMBER: US/10/786,720
; CURRENT FILING DATE: 2004-02-26
; NUMBER OF SEQ ID NOS: 21135
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 4550
; LENGTH: 21
; TYPE: RNA
; ORGANISM: RNAI-sense strand
US-10-786-720-4550

Query Match      0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 71.4%; Pred.No. 1.1e+03;
Matches 10; Conservative 4; Mismatches 0; Indels 0; Gaps 0;

QY      987 CTCCTCGAGACAT 1000
      ||:|||||:
      8 CTCCTCGAGACAU 21

RESULT 1787
US-09-910-183A-36
```

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; Sequence 36, Application US/09910183A
; Publication No. US20030175701A1
; GENERAL INFORMATION:
; APPLICANT: Griffiths R. A. L.
; TITLE OF INVENTION: Improvements in and relating to forensic
; identification
; NUMBER OF SEQUENCES: 36
; CORRESPONDENCE ADDRESS:
; STREET: C/O The Forensic Science Service, Priory
;      House, Gooch Str.
;      City: Birmingham
;      State: W. Midlands
;      Country: United Kingdom
;      Zip: B5 60Q
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.30 (EPO)
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/910,183A
; FILING DATE: 20-Jul-2001
; CLASSIFICATION: <Unknown>
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,029
; FILING DATE: <Unknown>
; APPLICATION NUMBER: GB 9713597.4
; FILING DATE: 28-JUN-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: G111 P.
; INFORMATION FOR SEQ ID NO: 36:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 32 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; MOLECULE TYPE: DNA (genomic)
; HYPOTHETICAL: NO
; ANTI-SENSE: NO
; ORIGINAL SOURCE:
; ORGANISM: Homo sapiens
; ORGANELLE: Mitochondrion
; SEQUENCE DESCRIPTION: SEQ ID NO: 36:
US-09-910-183A-36

Query Match      0.3%; Score 14; DB 1; Length 32;
Best Local Similarity 66.7%; Pred.No. 1.1e+03;
Matches 20; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY      2794 AGAGTCAGAGAGAAATGAAGAGAA 2823
      |||||
      3 AAGAGAAAGAAAGAAAGAAAGAAAGAA 32

RESULT 1788
US-10-349-143-8508
; Sequence 8508, Application US/10349143
; Publication No. US20040005584A1
; GENERAL INFORMATION:
; APPLICANT: Cohen, Daniel
; APPLICANT: Blumenfeld, Marta
; APPLICANT: Chumakov, Ilya
; TITLE OF INVENTION: Biallelic markers for use in constructing a high density...
; FILE REFERENCE: GENSET.020CP1
; CURRENT APPLICATION NUMBER: US/10/349,143
; CURRENT FILING DATE: 2003-01-21
; PRIOR APPLICATION NUMBER: US/09/422,978
; PRIOR FILING DATE: 1999-10-20
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 09/298,850
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: US 60/109,732
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: 1998-11-23
; PRIOR FILING DATE: EARLIER APPLICATION NUMBER: 1998-11-23
; PRIOR APPLICATION NUMBER: EARLIER APPLICATION NUMBER: US 60/082,614
```

PRIOR FILING DATE: EARLIER FILING DATE: 1998-04-21
NUMBER OF SEQ ID NOS: 11796
SEQ ID NO 8508
LENGTH: 19
TYPE: DNA
ORGANISM: Homo Sapiens
FEATURE:
NAME/KEY: primer_bind
LOCATION: 1..19
OTHER INFORMATION: downstream amplification primer 99-16003 for SEQ 643, in compleme
US-10-349-143-8508

Query Match 0.3%; Score 13.8; DB 1; Length 19;
Best Local Similarity 88.2%; Pred. No. 1e+03; Mismatches 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1196 ATCCCTGAGTCTCTGC 1212
Db 2 ATCCCATGAGTCTCTGC 18

RESULT 1789
US-09-825-574-8/C
Sequence 8, Application US/09825574
Patent No. US20020119454A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor I.
Brow, Mary Ann D.
Fors, Lance
Neil, Bruce P.
TITLE OF INVENTION: Polymorphism Analysis By Nucleic Acid
Structure Probing With Structure-Bridging
Oligonucleotides.
NUMBER OF SEQUENCES: 51
CORRESPONDENCE ADDRESS:
ADDRESSEE: MEDLEN & CARROLL, LLP
STREET: 220 Montgomery Street, Suite 2200
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94104
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/825,574
FILING DATE: 03-Apr-2001
CLASSIFICATION: <Unknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/934,097
FILING DATE: <Unknown>
ATTORNEY/AGENT INFORMATION:
NAME: Macknight, Kamrin T.
REGISTRATION NUMBER: 38,230
REFERENCE/DOCKET NUMBER: FORS-02980
TELECOMMUNICATION INFORMATION:
TELEPHONE: (415) 705-8410
TELEFAX: (415) 397-8338
INFORMATION FOR SEQ ID NO: 8:
SEQUENCE CHARACTERISTICS:
LENGTH: 20 base pairs
TYPE: nucleic acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: other nucleic acid
DESCRIPTION: /desc = "DNA"
SEQUENCE DESCRIPTION: SEQ ID NO: 8:
US-09-825-574-8

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.1e+03; Mismatches 2; Indels 0; Gaps 0;

Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCCGTGCGCGCTG 822
Db 20 ATACCTTGCGCGCGCTG 4

RESULT 1790
US-09-882-945A-8/C
Sequence 8, Application US/09882945A
Publication No. US20030143535A1
GENERAL INFORMATION:
APPLICANT: Lyamichev, Victor
APPLICANT: Allawi, Hatim
APPLICANT: Dong, Fang
APPLICANT: Neil, Bruce
APPLICANT: Vener, Tatiana
TITLE OF INVENTION: Nucleic Acid Accessible Hybridization Sites
FILE REFERENCE: FORS-04586
CURRENT APPLICATION NUMBER: US/09/882,945A
CURRENT FILING DATE: 2001-06-15
NUMBER OF SEQ ID NOS: 334
SOFTWARE: Patentin version 3.0
SEQ ID NO 8
LENGTH: 20
TYPE: DNA
ORGANISM: Artificial Sequence
FEATURE:
OTHER INFORMATION: Synthetic
US-09-882-945A-8

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.1e+03; Mismatches 2; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 806 ATACCCGTGCGCGCTG 822
Db 20 ATACCTTGCGCGCGCTG 4

Search completed: October 28, 2004, 10:44:44
Job time : 119 secs

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 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMPd42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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RESULT 1
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DEFINITION In0203M1aR Mouse 10kb plasmid UUCiM library Mus musculus genomic
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ACCESSION  A2424284
VERSION     A2424284
KEYWORDS    GSS.
SOURCE      Mus musculus (house mouse)
            Mus musculus
REFERENCE   Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
            Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
            1 (bases 1 to 41)
AUTHORS     Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamill,C.,
            Isalam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
            Rellly,M., Rose,M., Rose,R., Stokes,R., Tinger,A., von
            Niederhausern,A. and Wright,D.,Weiss,R.
            Mouse whole genome scaffolding with paired end reads from 10kb
            plasmid inserts
            Unpublished (2000)
COMMENT     Contact: Robert B. Weiss
            University of Utah Genome Center
            Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
            84112, USA
            Tel: 801 585 5606
            Fax: 801 585 7177
            Email: ddunn@genetics.utah.edu
            Insert length: 10000 Std Error: 0.00
            Plate: 0203 Row: M Column: 14
            Seq primer: CACACAGGAAACAGCTATGACC
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            High quality sequence stop: 41.
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VERSION	A2328467.1	GI:10388225
KEYWORDS	GSS.	
SOURCE	Mus musculus (house mouse)	
ORGANISM	Mus musculus	
REFERENCE	Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 40)	
AUTHORS	Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Rellay,M., Rose,M., Rose,R., Stokes,R., Tinney,A., von Niederhausen,A. and Wright D.,Weiss R.	
TITLE	Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts	
JOURNAL	Unpublished (2000)	
COMMENT	Contact: Robert B. Weiss University of Utah Genome Center Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLG, UT 84112, USA Tel: 801 585 5606 Fax: 801 585 7177 Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: 0.00 Plate: 0052 row: B column: 18 Seq primer: CGTTGTAAACGACGCCACAG Class: Plasmid ends High quality sequence stop: 40. location/Qualifiers 1. 40 /organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J" /db_xref="taxon:10090"	
FEATURES	source	

SOURCE
ORGANISM
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Mus musculus (house mouse)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE
AUTHORS
Dunn,D., Aoyagi,A., Barber,M., Beacom,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Relly,M., Rose,M., Rose,R., Stokes,R., Tinger,A., von
Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
CONTACT: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLc, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0299 row: J column: 11
Seq primer: CACACAGCAACACACTATGACC
Class: plasmid ends
High quality sequence stop: 38.
Location/Qualifiers
1..38

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				Gaps 0;
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Db	4	CTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTG	38	
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LOCUS	AZ333216	38 bp	DNA	linear
DEFINITION	AM0062N12F Mouse 10kb plasmid U06C1M library Mus musculus genomic			
	clone, U06C1M0062N12 F, genomic survey sequence.			
ACCESSION	AZ333216			
VERSION	AZ333216.1	GI:10397615		
KEYWORDS	GSS.			
SOURCE	Mus musculus (house mouse)			

ORGANISM	Mus musculus Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 38)
REFERENCE	Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Rellly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausen,A. and Wright,D.,Weiss,R. Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
TITLE	Unpublished (2000)
JOURNAL	Contact: Robert B. Weiss
COMMENT	University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA Tel: 801 585 5606 Fax: 801 585 7177 Email: dunn@genetics.utah.edu Insert length: 10000 Std Error: 0.00 Plate: 0062 row: N column: 12 Seq primer: CGTTGTAACGACGCGCCACT Class: plasmid insert High quality sequence stop: 38. location/Qualifiers 1. .38
FEATURES	
SOURCE	

	Query Match	0.5%;	Score 28.4;	DB 1;	Length 38;
	Best Local Similarity	84.2%;	Pred. No. 11;		
	Matches	32;	Conservative	0;	Mismatches 6; Indels 0; Gaps 0;

Qy	262	GCCCCCCCCTCTCTCTTTTCTCTCTCTCTGCT	299
Dd	1	GCCTCTCTCTCTCTCTCTCTCTCTCTCTCTCTCT	38

RESULT 7	AJ802263/c	36 bp	mRNA	linear	EST 11-AUG-2004
LOCUS	AJ802263				
DEFINITION	AJ802263 Antirrhinum majus whole plant				
ACCESSION	AJ802263				
VERSION	AJ802263.1	GI:51117591			
KEYWORDS	EST.				
SOURCE	Antirrhinum majus (snapdragon)				
ORGANISM	Antirrhinum majus				

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

1 (bases 1 to 36)
Zachgo S., Stuber K., Siedler H., Sommer H. and Schwarz-Sommer Z.
Antirrhinum EST collection
Unpublished (2003)
Contact: Schwarz-Sommer Z.
Eumaryote; Viridiplantae; Streptophyta; Embryophyta; Trichosphyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
asterids; lamids; lamiales; Plantaginaceae; Antirrhineae;
Antirrhinum.

[illegible][illegible]

REFERENCE
AUTHORS

1 (pages 1 to 33)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

REFERENCE
AUTHORS

1 (pages 1 to 33)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Rilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiss, R.

SOURCE	Ciona intestinalis
ORGANISM	Ciona intestinalis
REFERENCE	Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea; Enterogona; Phlebobranchia; Clonidae; Clona.
AUTHORS	1 (bases 1 to 34)
TITLE	Genoscope.
JOURNAL	Ciona intestinalis directional larval cDNA library
COMMENT	Unpublished (2002) Contact: Genoscope Genoscope - Centre National de Sequencage BP 191 91006 Evry cedex - France Email: seqref@genoscope.cns.fr, Web : www.genoscope.cns.fr IMPORTANT: this sequence may contain errors. The Ciona intestinalis library from which the clone was isolated may be contaminated with cDNAs from bacteria or other Eukarya. Directional larval cDNA library originate from Dr.M.Branno, Stazione A.Dohrn, Naples, Italy, and was prepared in pBluescript2SK+.
FEATURES	Location/Qualifiers
Source	1..34 /organism="Ciona intestinalis" /mol_type="mRNA" /db_xref="taxon:7719" /clone="030ZC11" /clone_lib="directional larval cDNA library" /note="Vector: pBluescript2SK+"
Query Match	0.5%; Score 25; DB 1; Length 34;
Best Local Similarity	96.2%; Pred. No. 24;
Matches	25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
Oy	270 CTCTCTCTCTTCTCTCTCTCTCTCT 295 29 CTCTCTCTCTCTCTCTCTCTCTCT 4
Db	
RESULT 43	
LOCUS	AZ860136
DEFINITION	AZ860136 Mouse 10kb plasmid UUC1M library Mus musculus genomic clone UUCG2M0166002 F, genomic survey sequence.
ACCESSION	AZ860136
VERSION	AZ860136.1 GI:13055155
KEYWORDS	GSS.
SOURCE	Mus musculus (house mouse)
ORGANISM	Mus musculus Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 28) Dunn,D., Aoyagi,A., Barber,M., Beacom,T., Duval,B., Hamil,C., Ismail,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weisse,R. Mouse whole genome scaffolding with paired end reads from 10kb Plasmid inserts Unpublished (2000) Contact: Robert B. Weiss University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT 84112, USA Tel: 801 585 5606 Fax: 801 585 7177 Email: ddunn@genetics.utah.edu Insert length: 10000 Std Error: 0.00 Plate: 0166 row: D column: 02 Seq primer: CGTTTAAACGACGCCAGT Class: plasmid ends High quality sequence stop: 28. Location/Qualifiers 1..28 /organism="Mus musculus" /mol_type="genomic DNA"
JOURNAL	
COMMENT	
TITLE	
AUTHORS	
REFERENCE	
SOURCE	
ORGANISM	
FEATURES	
Source	

	Query Match	0.5%; Score 24.8; DB 1; Length 28;
	Best Local Similarity	92.9%; Pred. No. 16;
	Matches	26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
Oy	268 CCCCTCTCTCTTCTCTCTCTCTCTCTCT 295 1 CTCCTCTCTCTCTCTCTCTCTCTCTCTCT 28	
RESULT 44	AZ455946	29 bp DNA linear GSS 04-OCT-2000
LOCUS	1M0258101R Mouse 10kb plasmid UGCGIM library Mus musculus genomic clone UGCGIM0258101 R, genomic survey sequence.	
ACCESSION	AZ455946	
VERSION	AZ455946.1 GI:10614071	
KEYWORDS	GSS.	
SOURCE	Mus musculus (house mouse)	
ORGANISM	Mus musculus	
REFERENCE	Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.	
AUTHORS	Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meeten,E., Pedersen,T., Rellly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausen,A. and Wright D. Weiss,R.	
TITLE	Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts	
JOURNAL	Unpublished (2000)	
COMMENT	Contact: Robert B. Weiss University of Utah Genome Center Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT 84112, USA Tel.: 801 585 5606 Fax: 801 585 7177 Email: ddunn@genetics.utah.edu Insert length: 10000 Std Error: 0.00 Plate: 0258 row: I column: 01 Seq primer: CACCAGAAAACACTATGCAC Class: plasmid ends High quality sequence stop: 29. Location/Qualifiers 1..29 /organism="Mus musculus" /mol_type="genomic DNA" /strain="C57BL/6J"	
FEATURES	source	

/db_xref="taxon:10090"
 /clone="UUGCIM0258101"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGCIM library"
 /note="Vector: PMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.5%; Score 24.8; DB 1; Length 29;
 Best Local Similarity 92.9%; Pred. No. 18;
 Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 268 CCTCTCTCTCTCTCTCTCTCTCTCTCTCT 295
 Db 2 CGCTCTCTCTCTCTCTCTCTCTCTCTCTCT 29

RESULT 45
 LOCUS BM047352 35 bp mRNA linear EST 07-NOV-2001
 DEFINITION 603628475F1 NIH_MGC_40 Homo sapiens cDNA clone IMAGE:545658 5',
 mRNA sequence.
 ACCESSION BM047352
 VERSION BM047352.1 GI:16776619
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
 1 (bases 1 to 35)
 NIH-MGC http://mgs.nci.nih.gov/
 National Institutes of Health, Mammalian Gene Collection (MGC)
 Unpublished (1999)
 Contact: Robert Strausberg, Ph.D.
 Email: cgaabs-remail.nih.gov
 Tissue Procurement: DCTD/DRP
 CDNA Library Preparation: Ling Hong/Rubin Laboratory
 CDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
 DNA Sequencing by: Incyte Genomics, Inc.
 Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: http://image.llnl.gov
 Plate: LLCM1955 row: 6 column: 19
 High quality sequence stop: 35.
 Location/Qualifiers
 1. 35
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:545658"
 /issue_type="carcinoma, cell line"
 /lab_host="DH10B (phage-resistant)"
 /clone_lib="NIH_MGC_40"
 /note="Organ: prostate; Vector: POTB7; Site_1: XhoI; Site_2: EcoRI; cDNA made by oligo-dT priming. Directionally cloned into EcoRI/XhoI sites using the

FEATURES

source

following 5' adaptor: GGCACGAG(G). Library constructed by Ling Hong in the laboratory of Gerald M. Rubin (University of California, Berkeley) using ZAP-cDNA synthesis kit (Stratagene) and Superscript II RT (Life Technologies). Note: this is a NIH_MGC library."

Query Match 0.5%; Score 24.8; DB 1; Length 35;
 Best Local Similarity 92.9%; Pred. No. 27;
 Matches 26; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 268 CCTCTCTCTCTCTCTCTCTCTCTCTCTCT 295
 Db 30 CTCTCTCTCTCTCTCTCTCTCTCTCTCT 3

RESULT 46
 LOCUS A2771239 26 bp DNA linear GSS 16-FEB-2001
 DEFINITION 1M0573F15F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UUGCIM0573F15 F, genomic survey sequence.
 ACCESSION A2771239
 VERSION A2771239.1 GI:12893285
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 26)
 Dunn, D., Aoyagi, A., Barber, M., Becorn, T., Duval, B., Hamil, C., Islem, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLG, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 1000 Std Error: 0.00
 Plate: 0573 row: F column: 15
 Seq primer: CGTGTAAACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 26.
 Location/Qualifiers
 1. 26
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGCIM0573F15"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGCIM library"
 /note="Vector: PMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and

FEATURES

source

Best Local Similarity 96.2%; Pred. No. 21;
Matches 25; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4414 ATATATATATATATATATATATAT 4439
Db 28 ATATATATATATATATATATATAT 3

RESULT 53

AZ435824/c

LOCUS 29 bp DNA linear GSS 03-OCT-2000
DEFINITION 1M0223P02F Mouse 10kb plasmid UUGC1M library Mus musculus genomic

ACCESSION AZ435824
VERSION AZ435824.1 GI:10559637

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

Niederhausern, A. and Wright, D., Weis, R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished (2000)

CONTACT: Robert B. Weiss

University of Utah Genome Center

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0223 row: P column: 02

Seq primer: CGTTGTAAACGACGCGCAGT

Class: plasmid ends

High quality sequence stop: 29.

Location/Qualifiers

1. 29

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC1M023P02"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/note="Vector: PMD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel

electrophoresis. Vector DNA was prepared from a derivative

of pMD42 (gi|4732114|gb|AF129072.1), a copy-number

inducible derivative of plasmid R1. The vector was ligated

with adaptors complementary to the insert adaptors and

purified. The sheared, adapted mouse DNA was annealed to

adapted vector DNA, and transformed into

chemically-competent E. coli XL10-Gold (Stratagene) cells

and selected for ampicillin resistance."

Matches 26; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4410 ATAGATATATATATATATATATAT 4438
Db 29 ATATATATATATATATATATATAT 1

RESULT 54

AZ804185/c

LOCUS 32 bp DNA linear GSS 16-FEB-2001
DEFINITION 2M0064N24R Mouse 10kb plasmid UUGC1M library Mus musculus genomic

clone UUGC2M0064N24 R, genomic survey sequence.

ACCESSION AZ804185

VERSION AZ804185.1 GI:12956508

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

1 (bases 1 to 32)

Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

Niederhausern, A. and Wright, D., Weis, R.

Mouse whole genome scaffolding with paired end reads from 10kb

plasmid inserts

Unpublished (2000)

CONTACT: Robert B. Weiss

University of Utah Genome Center

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0064 row: N column: 24

Seq primer: CACACGAGAACGATGACGAC

Class: plasmid ends

High quality sequence stop: 32.

Location/Qualifiers

1. 32

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC2M0064N24"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/note="Vector: PMD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel

electrophoresis. Vector DNA was prepared from a derivative

of pMD42 (gi|4732114|gb|AF129072.1), a copy-number

inducible derivative of plasmid R1. The vector was ligated

with adaptors complementary to the insert adaptors and

purified. The sheared, adapted mouse DNA was annealed to

adapted vector DNA, and transformed into

chemically-competent E. coli XL10-Gold (Stratagene) cells

and selected for ampicillin resistance."

Query Match 0.5%; Score 24; DB 1; Length 32;

Best Local Similarity 84.4%; Pred. No. 28;

Matches 27; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

RESULT 61
 AZ655531 27 bp DNA linear GSS 14-DEC-2000
 LOCUS 1M0530L03R Mouse 10kb plasmid UGCGM library Mus musculus genomic
 DEFINITION clone UGCGM0530L03 R, genomic survey sequence.
 ACCESSION AZ655531
 VERSION AZ655531.1 GI:11792677
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 27)
 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 CONTACT: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0530 row: L column: 03
 Seq primer: CACACAGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 27.
 Location/Qualifiers
 1..27
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCGM0530L03"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCGM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/shares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptor complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 23.4; DB 1; Length 27;
 Best Local Similarity 96.0%; Pred. No. 22;
 Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCTCT 295
 |||||
 Db 2 TCTCTCTCTCTCTCTCTCTCTCT 26

RESULT 62

CF929943
 LOCUS 33 bp mRNA linear EST 12-NOV-2003
 DEFINITION CF-02-R-C15 Bos taurus CF-24-HW cDNA library Bos taurus cDNA clone
 CF-02-R-C15(5'), mRNA sequence.
 ACCESSION CF929943
 VERSION CF929943.1 GI:38278690
 KEYWORDS EST.
 SOURCE Bos taurus (cow)
 ORGANISM Bos taurus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae; Bovinae; Bos.
 1 (bases 1 to 33)
 Yoon,D.H., Lee,S.H., Lee,J.H., Sang,B.C. and Oh,S.J.
 Gene Expression Profiling of the Bovine adipose tissues
 Unpublished (2003)
 CONTACT: Dr. Du-Hak Yoon
 National Livestock Research Institute, RDA
 564 Omockhun-dong, Suwon, 441-350, Korea
 Tel: 82 31 290 1593
 Fax: 82 31 290 1792
 Email: dhyoon@rda.go.kr
 Insert Length: 33 Std Error: 0.00
 Seq primer: ATTAACCTCCTAAG
 POLYA=No.
 Location/Qualifiers
 1..33
 /organism="Bos taurus"
 /mol_type="mRNA"
 /db_xref="taxon:9913"
 /clone="CF-02-R-C15(5')"
 /sex="four males mixed"
 /tissue_type="adipose tissue"
 /cell_type="adipocyte"
 /dev_stage="24 months old"
 /lab_host="XL1-BlueMR strain"
 /clone_lib="Bos taurus CF-24-HW cDNA library"
 /note="Vector: Uni-ZAPXR; Site_1: EcoRI; Site_2: Xho I"

Query Match 0.4%; Score 23.4; DB 1; Length 33;
 Best Local Similarity 96.0%; Pred. No. 35;
 Matches 24; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTCTCT 295
 |||||
 Db 9 TCTCTCTCTCTCTCTCTCTCTCT 33

RESULT 63
 AZ804183 29 bp DNA linear GSS 16-FEB-2001
 LOCUS 2M064N22R Mouse 10kb plasmid UGCGM library Mus musculus genomic
 DEFINITION clone UGCGM064N22 R, genomic survey sequence.
 ACCESSION AZ804183
 VERSION AZ804183.1 GI:12956506
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 29)
 Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 CONTACT: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Oy 272 CTCCTCTTTCCTCTCTCTCTCTGCT 299
||| ||| ||| ||| ||| ||
Db 1 CTCCTCTGCTCTCTCTCTCTCTGCT 28

SOURCE	Mus musculus (house mouse)
ORGANISM	Mus musculus

TITLE Mouse whole genome scaffolding with paired end reads from 10kb

Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84143-3030

Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plates: 0096 row: G column: 06
 Seg primer: CACACAGGAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 23.

FEATURES	Location/Qualifiers
source	1. .23

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"mol_type":"genomic DNA"
"strain":"C57BL/6J"
"xref":"taxon:10090"
"clone":"UDGCM0096G06"
"sex":"Male"
"lab_host":"B. Coli strain XL10-Gold, T1-resistant, F-"
"clone_libs":"mouse 10kb plasmid UDGCM library"

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Oy	270	CTCTCTCTCTTTCCTCTCTCTC	292
Db	23	CTCTCTCTCTCTCTCTCTCTC	1

SOURCE ORGANISM	Mus musculus (house mouse) Mus musculus
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
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36	36
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40	40
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86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

TITLE Mouse whole genome scaffolding with paired end reads from 10kbb

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.000
 Plate: 0064 row: P column: 06
 Seq primer: CACACAGAGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 26.

FEATURES	Location/Qualifiers
source	1. .26

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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCGCM0064P06"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-
/clone_lib="Mouse 10kb plasmid UUCGCM library"
/notes="Vector: PMD424; Purified genomic DNA from M.

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	Query Match	0.4%; Score 21.2; DB 1,	Length 27;
	Best Local Similarity	88.5%; Pred. No. 42;	
	Matches 23; Conservative	0; Mismatches	3; Indels
			Gaps 0.
QY	270 CTCTCTCTCTTCTCTCTCTCTCTCT	295	
DG	1 CTCTCTCTCTCTCTCTCTCTCTCTCT	26	

RESULT	76
AZ391891/c	
LOCUS	AZ391891
DEFINITION	29 bp DNA linear GSS 03-OCT-2000
clone UUCGCM015AF14 F, genomic survey sequence.	IN015AF14F Mouse 10kb plasmid UUCGM library Mus musculus genomic

SOURCE ORGANISM	REFERENCE	AUTHORS	TITLE
Mus musculus (house mouse)	1 (bases 1 to 29)	Dunn, D., Aoyagi, A., Barber, M., Baecom, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Rilly, M., Rose, M., Rose, R., Stokes, R., Tinney, A., von Niederhausen, A. and Wright, D., Weiss, R.	Mouse whole genome scaffolding with paired end reads from 10kb

JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLc, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0154 row: F column: 14
Seq primer: CGTTGTAACGACGCGCCACT
Class: plaamid ends
High quality sequence stop: 29.

```

FEATURES
    source
        Location/Qualifiers
            1..29
                /organism="Mus musculus"
                /mol_type="genomic DNA"
                /strain="C57BL/6J"
                /db_xref="taxon:10090"
                /clone="UUCG1M0154F14"
                /sex="Male"
                /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"/
                /clone_1ib="Mouse 10kb plasmid UUCG1 library"
                /note="Vector: pMD42ny; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA

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Query Match	0.4%	Score 21.2;	DB 1;	Length 29;
Best Local Similarity	88.5%;	Pred. No. 49;		
Matches	23;	Conservative	0;	Mismatches 3;
				Indels 0;
				Gaps 0;
QY	261	GGGCCCCCCTCTCTTTCTC	286	
Db	27	GGCCCCCCTCTCTCTCTCTC	2	

RESULT	77
AZ345561	
LOCUS	31 bp DNA linear GSS 29-SEP-2000
DEFINITION	IM080OHJ3F Mouse 10kb plasmid UUGCIM library Mus musculus genomic clone UGCIM0080HJ3 F ₁ genomic survey sequence.

SOURCE ORGANISM	REFERENCE	AUTHORS	TITLE
Mus musculus (house mouse)			
Mus musculus			
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognatha; Muridae; Murinae; Mus.			
1 (bases 1 to 31)			
Dunn,D., Aoyagi,A., Barber,M., Beacom,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Petersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tinney,A., von Niederhansen,A. and Wright,D., Weiss,R.			
Mouse whole genome scaffolding with paired end reads from 10kb			

JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss

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84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert length: 1000 Std Error: 0.00
Plate: 0080 Row: H Column: 13
Seq primer: CGTTGTAACACGCGCCACT
Class: plasmid ends
High quality sequence stop: 31.

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FEATURES
    source
        location/Qualifiers
            1..31
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                /mol_type="genomic DNA"
                /strain="C57BL/6J"
                /db_xref="taxon:10090"
                /clone="UUGCIM0080HL3"
                /sex="Male"
                /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
                /clone_lib="Mouse 10kb plasmid UUGCIM library"
                /note="Vector: PWD42nv; Purified genomic DNA from M.
                musculus C57BL/6J (male) was obtained from the Jackson
                Laboratory Mouse DNA Resource
                (http://www.jax.org/resources/documents/dnares/). The DNA
                was hydrotodynamically sheared by repeated passage through a

```

0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 21.2; DB 1; Length 31;
Best Local Similarity 98.5%; Pred. No. 57;
Matches 23; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 4414 ATATATATATATATATATATATAT 4439
Db 1 ATATATATATATATATATATATAT 26

RESULT 78 24 bp DNA linear GSS 20-FEB-2001
AZ836988 2M0132P01F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
LOCUS clone UUGC2M0132P01 F, genomic survey sequence.
DEFINITION
ACCESSION AZ836988
VERSION AZ836988.1 GI:13006896
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 24)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhuesen, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 0132 row: P column: 01
Seq primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 24.

FEATURES
source location/Qualifiers

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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0132P01"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: pMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 20.8; DB 1; Length 24;
Best Local Similarity 91.7%; Pred. No. 36;
Matches 22; Conservative 0; Mismatches 2; Indels 0; Gaps 0;
QY 271 TCTCTCTCTCTCTCTCTCTCTCTCTC 294
Db 24 TCTCTCTCTCTCTCTCTCTCTCTCTC 1

RESULT 79 22 bp DNA linear GSS 13-DEC-2000
AZ633751 1M048911F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
LOCUS clone UUGC1M048911 F, genomic survey sequence.
DEFINITION
ACCESSION AZ633751
VERSION AZ633751.1 GI:11755941
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 22)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhuesen, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 0489 row: I column: 11
Seq primer: CGTTGTAAACGACGCCAGT
Class: plasmid ends
High quality sequence stop: 22.

FEATURES
source location/Qualifiers

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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M048911"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: pMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 20.4; DB 1; Length 22;
Best Local Similarity 95.5%; Pred. No. 34;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTCTC 292
|||||
Db 1 TCTCTCTCTCTCTCTCTCTC 22

RESULT 80
AZ4342914 26 bp DNA linear GSS 29-SEP-2000
LOCUS 1M0076C22F Mouse 10kb plasmid UGCGM library Mus musculus genomic
DEFINITION clone UGCGM0076C22 F, genomic survey sequence.
ACCESSION AZ4342914
VERSION AZ4342914 GI:10420628
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 26)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00
Plate: 0076 row: C column: 22
Seq primer: CAGTGTAAACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 26.

FEATURES
source location/Qualifiers
1..26

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGM0076C22"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UGCGM library"
/note="Vector: pMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.4%; Score 20.4; DB 1; Length 26;
Best Local Similarity 95.5%; Pred. No. 49;
Matches 21; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTCTCTCTCTCT 291
|||||
Db 5 CTCTCTCTCTCTCTCTCTCT 26

RESULT 81
AZ430288 23 bp DNA linear GSS 03-OCT-2000
LOCUS 1M0214012R Mouse 10kb plasmid UGCGM library Mus musculus genomic
DEFINITION clone UGCGM0214012 R, genomic survey sequence.
ACCESSION AZ430288
VERSION AZ430288 GI:10554301
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 23)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00
Plate: 0214 row: O column: 12
Seq primer: CACACAGAAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 23.

FEATURES
source location/Qualifiers
1..23

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGM0214012"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UGCGM library"
/note="Vector: pMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The

electroporation. Vector DNA was prepared from a derivative of pMD2 (gll4732114[gb|AI23027.1], a copy-number inducible derivative of plasmid R1). The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match	0.4%	Score 19.4	DB 1	Length 21
Best Local Similarity	95.2%	Pred. NO. 40		
Matches	20	Conservative	0	Mismatches 1
				Indels 0
				Gaps 0
Qy	271	TCTCTCTCTTCTCTCTCT	291	
Db	1	TCTCTCTCTCTCTCTCT	21	

RESULT	84
LOCUS	AZ589098/c
DEFINITION	AZ589098 21 bp DNA linear GSS 13-DEC-2000
ACCESSION	JM0397B19 Mouse 10kb plasmid UUC1M library Mus musculus genomic clone UUCG1M0397B19 R, genomic survey sequence.
VERSION	AZ589098
KEYWORDS	AZ589098..1 GI:11711288
SOURCE	GSS.
ORGANISM	Mus musculus (house mouse)
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus.
AUTHORS	1 (bases 1 to 21) Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.
TITLE	Mouse whole genome scaffolding with paired end reads from 10kb plasmid insets
JOURNAL	Unpublished (2000)
COMMENT	Contact: Robert B. Weiss

<http://www.ax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative

Query Match	0.4%	Score 19.4	DB 1	Length 21
Best Local Similarity	95.2%	Pred. No. 40		
Matches	20	Conservative 0	Mismatches 1	Indels 0
				Gaps 0
Qy	271	TCCTCTCTCTTCCTCTCTCT	291	
Db	21	TCCTCTCTCTCTCTCTCT	1	

RESULT 85	
LOCUS	A2627978
DEFINITION	21 bp DNA linear GSS 13-DEC-2000
ACCESSION	A2627978
VERSION	A2627978
KEYWORDS	clone UUCGCM0476L04 F, genomic survey sequence.
SOURCE	A2627978.1 GI:11750168
ORGANISM	GSS.
	Mus musculus (house mouse)
	Mus musculus
	Eukaryotes; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE	1 (bases 1 to 21)
AUTHORS	Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Rellay,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausen,A. and Wright,D.,Weiss,R.
TITLE	Mouse whole genome scaffolding with paired end reads from 10kb
JOURNAL	plasmid inserts
COMMENT	Unpublished (2000)
	Contact: Robert B. Weiss

was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD22 (gi14732131|gb|AF128072.1), a copy-number

purified the sheared, adapted mouse DNA was annealed to the adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

	Query Match	0.3%	Score 18.4	DB 1	Length 20
	Best Local Similarity	95.0%	Pred. No. 48		
	Matches 19; Conservative	0;	Mismatches 1;	Indels 0;	Gaps 0;
Oy	CTCCTCTCTTCTCTCTCT	289			
Db	1 CTCCTCTCTCTCTCTCT	20			

RESULT	88			
LOCUS	AZ492997			
DEFINITION	AZ492997	20 bp	DNA	linear
ACCESSION	U0327K24F	Mouse 10kb plasmid	U0327K24F	library Mus musculus genomic
VERSION	AZ492997			
KEYWORDS	AZ492997.1	GI:1066247		
SOURCE	GSS.			
ORGANISM	Mus musculus	(house mouse)		

REFERENCE	AUTHORS	TITLE
1 (bases 2 to 20)	Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Rellly, M., Rose, M., Rose, R., Stokes, R., Tungey, A., von Niederhausen, A. and Wright, D. Weis, R.	Mouse whole genome scaffolding with paired end reads from 10kbp

JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss

University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

```
Email: ddunn@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 0327 Row: K Column: 24
Seq primer: CATTGTATAAACGACGGCCACT
Class: plasmid ends
High quality sequence stop: 20.
```

FEATURES	Location/Qualifiers
source	1. .20

adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match	0.3%	Score 18.4	DB 1	Length 20
Best Local Similarity	95.0%	Pred. No. 48		
Matches 19	Conservative 0	Mismatches 1	Indels 0	Gaps 0
QY	271	TTCTCTCTTCTCTCTCTC	290	
DB	1	TTCTCTCTCTCTCTCTCTC	20	

RESULT 89	
A2770557	
LOCUS	A2770557
DEFINITION	20 bp DNA linear GSS 16-FEB-2001
ACCESSION	U0572N057 Mouse 10kb plasmid U0572N057 library Mus musculus genomic
VERSION	clone U0572N0572N08 F, genomic survey sequence.
KEYWORDS	A2770557
SOURCE	A2770557.1 GI:12891863
ORGANISM	GSS.
	Mus musculus (house mouse)
	Mus musculus

REFERENCE	AUTHORS	TITLE
1 (bases 1 to 20)	Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmood, M., Meenen, E., Petersen, T., Rallay, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., and Wright, D. Weiss, R.	Mouse whole genome scaffolding with paired end reads from 10kb

JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss

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84112, USA

Email: daunn@genetics.utah.edu
Insert Length: 1000 Std Error: 0.00
Plates: 0572 row: N column: 08
Seq primer: CGTTGTAACAGACGGCCAACT
Class: plasmid ends
High quality sequence step: 20.

FEATURES	Location/Qualifiers
source	1. .20

of pMD42 (gi|4732114|gb|AF1203072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptored mouse DNA was annealed to

chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 18.4; DB 1; Length 20;
Best Local Similarity 95.0%; Pred. No. 48;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTC 290
|||||
Db 1 TCTCTCTCTCTCTCTCTC 20

RESULT 90 22 bp DNA linear GSS 04-OCT-2000
AZ464354 1M0273M1R Mouse 10kb plasmid UGCG1M library Mus musculus genomic
LOCUS clone UGCG1M0273M1 R, genomic survey sequence.
DEFINITION
ACCESSION AZ464354
VERSION AZ464354.1 GI:10622479
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 22)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhuesen,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 0273 row: M column: 11
Seq primer: CACACAGAAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.

FEATURES

source Location/Qualifiers

1..22
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG1M0273M11"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCG1M library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptor DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (g114732114[gb]/AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptor mouse DNA was annealed to
adaptor vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells

and selected for ampicillin resistance."

Query Match 0.3%; Score 18.4; DB 1; Length 22;
Best Local Similarity 95.0%; Pred. No. 59;
Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTC 290
|||||
Db 3 TCTCTCTCTCTCTCTCTC 22

RESULT 91 23 bp DNA linear GSS 13-DEC-2000
AZ598675 1M0413C08R Mouse 10kb plasmid UGCG1M library Mus musculus genomic
LOCUS clone UGCG1M0413C08 R, genomic survey sequence.
DEFINITION
ACCESSION AZ598675
VERSION AZ598675.1 GI:11720865
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 23)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhuesen,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 0413 row: C column: 08
Seq primer: CACACAGAAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 23.

FEATURES

source Location/Qualifiers

1..23
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG1M0413C08"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCG1M library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptor DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (g114732114[gb]/AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptor mouse DNA was annealed to
adaptor vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 18.4; DB 1; Length 23;
 Best Local Similarity 95.0%; Pred. No. 65;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4415 TAATAATATATATATATA 4434
 |||||
 23 TAATAATATATATATATA 4

RESULT 92 27 bp mRNA linear EST 07-MAY-2003
 CD028815
 LOCUS mgc8010x10f.b Magnaporthe grisea CS Uni-Zap XR Library Magnaporthe
 DEFINITION grisea cDNA clone mgc8010x10 5', mRNA sequence.
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

EST.
 Magnaporthe grisea (anamorph: Pyricularia grisea)

REFERENCE
 AUTHORS Eukaryota; Fungi; Ascomycota; Pezizomycotina; Sordariomycetes;
 1 (bases 1 to 27)
 Ebbole,D.J., Yuan,J., Thomas,T.L., Bobrowicz,P., Lu,G.,
 Bhatlerai,K. and Dean,R.A.
 TITLE Expressed sequence tags from the rice blast fungus, Magnaporthe
 grisea

JOURNAL
 COMMENT Unpublished (2002)
 Contact: Ebbole DJ
 Department of Plant Pathology & Microbiology
 Texas A&M University
 Peterson Bldg, MS2132, College Station, TX 77843-2132, USA
 Tel: 979 845 4831
 Fax: 979 845 6483
 Email: d-ebbole@tamu.edu
 Chromatogram file of this sequence is available, see contact
 person;

PCR Primers
 FORWARD: T3 primer
 BACKWARD: T7 primer
 Plate: mgc8010 row: A column: 10
 Seq primer: T3.
 Location/Qualifiers

FEATURES

source

1. 27
 /organism="Magnaporthe grisea"
 /mol_type="mRNA"
 /strain="Guy11"
 /db_xref="taxon:148305"
 /clone="mgc8010x10"
 /sex="Mat1-2 hermaphrodite"
 /cell_type="conidia"
 /clone_lib="Magnaporthe grisea CS Uni-Zap XR Library"
 /note="Vector: pBluescriptSK-; Site 1: EcoRI; Site 2:
 XhoI; Unidirectional cloning. EcoRI site has T3 primer and
 predominantly 5' reads. T7 primer on XhoI side of insert.
 Confidial library. Point inoculation of Guy11 at center of
 oatmeal agar plate. Conidia were harvested after two weeks
 of growth. Sequences were processed by one of two methods.
 Where a full-length alignment to the M. grisea genome
 sequence was available, the EST sequence was trimmed
 according to the alignment, otherwise sequence quality was
 assessed using phredPhrap version 991019 and trimmed
 according to phd files (0.05) and for vector seqs."

Query Match 0.3%; Score 18.4; DB 1; Length 27;
 Best Local Similarity 95.0%; Pred. No. 91;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 271 TCTCTCTCTCTCTCTCTC 290
 |||||
 21 TCTCTCTCTCTCTCTCTC 2

RESULT 93 27 bp DNA linear GSS 21-FEB-2001
 AZ873739
 LOCUS 2M0187C08R Mouse 10kb plasmid UUGCM library Mus musculus genomic
 DEFINITION clone UUGC2M0187C08 R, genomic survey sequence.
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

Mus musculus (house mouse)

REFERENCE
 AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 27)
 Dunn,D., Aoyagi,A., Barber,M., Becarro,T., Duval,B., Hamil,C.,
 Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
 Niederhausen,A. and Wright,D., Weis,R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts

Unpublished (2000)

JOURNAL
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0187 row: C column: 08
 Seq primer: CACACAGAAACGATATGACC
 Class: plasmid ends
 High quality sequence stop: 27.
 Location/Qualifiers

FEATURES

source

1. 27
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC2M0187C08"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGCM library"
 /note="Vector: pMD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.3%; Score 18.4; DB 1; Length 27;
 Best Local Similarity 95.0%; Pred. No. 91;
 Matches 19; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 270 CTTCTCTCTCTCTCTCTC 289
 |||||
 1 CTTCTCTCTCTCTCTCTC 20

RESULT 94

AZ416392/c
 LOCUS AZ416392 26 bp DNA linear GSS 03-OCT-2000
 DEFINITION IM0191D07R Mouse 10kb plasmid UGCLM library Mus musculus genomic
 clone UGCLM0191D07 R. genomic survey sequence.
 ACCESSION AZ416392
 VERSION AZ416392.1 GI:10540405
 SOURCE Mus musculus (house mouse)
 KEYWORDS GSS.
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 26)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Dval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingley, A., von
 Niederhausern, A. and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0191 row: D column: 07
 Seq primer: CACACAGGAAACAGCTATGAC
 Class: plasmid ends
 High quality sequence stop: 26.
 Location/Qualifiers
 1..26
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCLM0191D07"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCLM library"
 /note="Vector: PWD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of PWD42 (g14732114|g5|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.3%; Score 18; DB 1; Length 26;
 Best Local Similarity 80.8%; Pred. No. 94;
 Matches 21; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 265 CCCCCCTCTCTCTCTCTCTCTCTCTC 290
 |||||
 Db 26 CCCCCCTCTCTCTCTCTCTCTCTCC 1

RESULT 95
 CF291636/c

LOCUS CF291636 24 bp mRNA linear EST 14-AUG-2003
 DEFINITION 14ROOT--02-C09.g1 Rice root cDNA library (14ROOT) Oryza
 sativa (japionica cultivar-group) cDNA clone 14ROOT--02-C09, mRNA
 sequence.
 ACCESSION CF291636
 VERSION CF291636.1 GI:33660669
 SOURCE EST.
 KEYWORDS Oryza sativa (japionica cultivar-group)
 ORGANISM Oryza sativa (japionica cultivar-group)
 Eukaryota; Viridiplantae; Streptophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Ehrhacoidae; Oryzae; Oryza.
 1 (bases 1 to 24)
 Kim, J.S., Jun, K.K., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,
 Song, S.I., Kim, J.K., Kim, Y.-K. and Nahm, B.H.
 Large-scale Sequencing Analysis of Rice ESTs
 Unpublished (2003)
 JOURNAL Contact: Nahm B.H.
 COMMENT Genomics and Genetics Institute, GreenGene Biotech Inc., Division
 of Bioscience and Bioinformatics, Myongji University
 Yongin, Kyeonggi, Korea
 Tel: 82 31 330 6193
 Fax: 82 31 321 6355
 Email: bhnahm@jbio.com, bhnahm@bio.myongji.ac.kr.
 Location/Qualifiers
 1..24
 /organism="Oryza sativa (japionica cultivar-group)"
 /mol_type="mRNA"
 /cultivar="Nackdong"
 /db_xref="taxon:39947"
 /clone="14ROOT--02-C09"
 /tissue_type="root"
 /dev_stage="14 days after germination"
 /lab_host="E. coli DH10B"
 /clone_lib="Rice root cDNA library (14ROOT)"
 /note="Vector: PCR4-TOPO, Site 1: EcoRI; mRNA was capped
 with oligoribonucleotides and then used as templates for
 RT-PCR."

Query Match 0.3%; Score 17.6; DB 1; Length 24;
 Best Local Similarity 83.3%; Pred. No. 89;
 Matches 20; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3916 CCCCCGCGCGCGCGCGCGCGCTGC 3939
 |||||
 Db 24 CCGCGCGCGCGCGCGCGCGCGCGC 1

RESULT 96
 H93534/c

LOCUS H93534
 DEFINITION YV08G12.r1 Soares fetal liver spleen INFLS Homo sapiens cDNA clone
 IMAGE:242182 5' similar to gbl|87933|HUMALU364 Human carcinoma
 cell-derived Alu RNA transcript, (tRNA);, mRNA sequence.
 ACCESSION H93534
 VERSION H93534.1 GI:1099862
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1 (bases 1 to 25)
 Hillier, L., Clark, N., Dubuque, T., Ellisson, K., Hawking, M.,
 Holman, M., Hultman, M., Kucaba, T., Le, M., Lennon, G., Marrs, M.,
 Parsons, J., Rifkin, L., Rohlfing, T., Soares, M., Tan, F.,
 Trevaaskis, E., Waterston, R., Williamson, A., Wohlmann, P. and
 Wilson, R.
 The Washu-Merck EST Project
 JOURNAL Unpublished (1995)
 COMMENT Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 850L, St. Louis, MO 63108
 Tel: 314 286 1800

was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g[+473214|gb|AF129072.1]), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptorised mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match	0.3%	Score 17.4;	DB 1;	Length 19;
Best Local Similarity	94.7%;	Pred. No. 57;		
Matches 18;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;

QY	271	TCTCTCTCTTCTCTCTCT	285
Db	1	TCTCTCTCTCTCTCTCT	19

RESULT 103	A2973926	23 bp	DNA	linear	GSS 27-APR-2001
LOCUS	A2973926				
DEFINITION	2M0248N15F Mouse 10kb plasmid UUGC2M library Mus musculus genomic clone UUGC2M0248N15 F, genomic survey sequence.				

0.005 units per microliter at constant velocity. The sheared DNA was blunt end repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 [g14732114[5b]AF123072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match	0.3%	Score 17.4;	DB 1;	Length 23;
Best Local Similarity	94.7%;	Pred. No. 86;		
Matches 18;	Conservative 0;	Mismatches 1;	Indels 0;	Gaps 0;

Qy	270	CTCTCTCTCTTTCCTCTC	288
Db	5	CTCTCTCTCTCTCTCTC	23

RESULT 104	
A2641670/c	
LOCUS	
DEFINITION	23 bp DNA linear GSS 14-DEC-2000
	AZ641670
	1M0504P15 Mouse 10kb plasmid UO0C1M library Mus musculus genomic
	clone UO0C1M0504P15 F, genomic survey sequence.

FEATURES
SOURCE

lab, host="E. coli strain XL10-Gold, T^r-resistant, F⁻"/>
 /clone_id="Mouse 10kb plasmid library"
 /note="Vector: pMD24env, Purified genomic DNA from M.
 musculus C57BL/6J (female) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a

FEATURES
Source

clone_11="Mouse 10kb plasmid UNGC1M library"
/note="Vector: PWD2321; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 17.2; DB 1; Length 23;
Best Local Similarity 86.4%; Pred. No. 91;
Matches 19; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
Qy 267 CCCCCCTCTCTCTCTCTCTC 288
Db 22 CCACACTCTCTCTCTCTCTC 1

RESULT 105
AZ796046 25 bp DNA linear GSS 16-FEB-2001
LOCUS 2M0051B17R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC2M0051B17 R, genomic survey sequence.
ACCESSION AZ796046
VERSION AZ796046.1 GI:12943897
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 25)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: dunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0051 row: B column: 17
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 25.

FEATURES
SOURCE Location/Qualifiers
1. 25

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0051B17"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 17; DB 1; Length 25;
Best Local Similarity 100.0%; Pred. No. 11e+02;
Matches 17; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 263 CCCCCCTCTCTCTCTCT 279
Db 5 CCCCCCTCTCTCTCTCT 21

RESULT 106
AZ321269 26 bp DNA linear GSS 29-SEP-2000
LOCUS 1M0041A23R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC1M0041A23 R, genomic survey sequence.
ACCESSION AZ321269
VERSION AZ321269.1 GI:10373879
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 26)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: dunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0041 row: A column: 23
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 26.

FEATURES
SOURCE Location/Qualifiers
1. 26

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0041A23"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were

TITLE Niederhausern, A. and Wright, D., Weisse, R.
JOURNAL Mouse whole genome scaffolding with paired end reads from 10kb
COMMENT plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0105 row: P column: 14
 Seq primer: CGTTGTAACGACGCGCCACT
 Class: plasmid ends
 High quality sequence stop: 24.

FEATURES
 source
 1. 24
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGC2M0105P14"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCLM library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (g114732114[g114732114], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 16.8; DB 1; Length 24;
Best Local Similarity 90.0%; Pred. No. 1.1e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 793 TGACCATCTGCATACCTT 812
 |||||
 Db 3 TGACCATCTGCATACCTT 22

RESULT 110 25 bp mRNA linear EST 22-APR-2004
LOCUS AU247142/c
DEFINITION AU247142 FL loliium multiflorum cDNA clone FLD23C10-5, mRNA
ACCESSION AU247142
VERSION AU247142.1 GI:46504411
KEYWORDS EST.
SOURCE loliium multiflorum (Italian ryegrass)
ORGANISM loliium multiflorum
REFERENCE 1 (bases 1 to 25)
AUTHORS Ireda, S.
JOURNAL loliium multiflorum EST Project
 Unpublished (2004)

COMMENT

Contact: Seishi Ikeda
 Japan Grassland Farming Forage Seed Association (JFSA)
 Forage Crop Research Institute (FCRI)
 Higashikada 388-5, Nishinasuno, Tochigi 329-2742, Japan
 Tel: 81-287-37-6757
 Fax: 81-287-37-6755
 Email: sikedat@jfsa.or.jp
 Contact: Tadasu Takamizo (takamizo@affrc.go.jp)
 National Institute of Livestock and Grassland Science, Nishinasuno
 Resistance gene analog.

FEATURES

source
 1. 25
 /organism="Lolium multiflorum"
 /mol_type="mRNA"
 /db_xref="taxon:4521"
 /clone="FLD23C10-5"
 /issue_type="in fluorescence"
 /clone_lib="FL"

Query Match 0.3%; Score 16.8; DB 1; Length 25;
Best Local Similarity 90.0%; Pred. No. 1.2e+02;
Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

OY 276 CTCTTCTCTCTCTCTCTCT 295
 |||||
 Db 24 CTAGTCTCTCTCTCTCTCT 5

RESULT 111 25 bp mRNA linear EST 07-MAY-2003
LOCUS CD028814/c
DEFINITION mgc8009xP04.f b Magnaporthe grisea CS Uni-Zap XR Library Magnaporthe grisea cDNA clone mgc8009xP04 5', mRNA sequence.
ACCESSION CD028814
VERSION CD028814.1 GI:30410270
KEYWORDS EST.
SOURCE Magnaporthe grisea (anamorph: Pyricularia grisea)
ORGANISM Magnaporthe grisea
REFERENCE 1 (bases 1 to 25)
AUTHORS Ebbols, D.J., Yuan, J., Thomas, T.L., Bobrowicz, P., Lu, G.,
 Bhatterai, K. and Dean, R.A.
TITLE Expressed sequence tags from the rice blast fungus, Magnaporthe grisea
JOURNAL Unpublished (2002)
COMMENT Contact: Ebbols DJ
 Department of Plant Pathology & Microbiology
 Texas A&M University
 Peterson Bldg, MS2132, College Station, TX 77843-2132, USA
 Tel: 979 845 4831
 Fax: 979 845 6483
 Email: d-ebbold@tamu.edu
 Chromatogram file of this sequence is available, see contact person;
PCR PRIMERS
FORWARD: T3 primer
BACKWARD: T7 primer
Plate: mgc8009 row: P column: 04
Seq primer: T3.
FEATURES
 source
 1. 25
 /organism="Magnaporthe grisea"
 /mol_type="mRNA"
 /strain="Guy11"
 /db_xref="taxon:148305"
 /clone="mgc8009xP04"
 /sex="Mati-2 hermaphrodite"
 /cell_type="condia"
 /clone_lib="Magnaporthe grisea CS Uni-Zap XR Library"
 /note="Vector: pBluescriptSK-; Site 1: EcoRI; Site 2: XhoI; Unidirectional cloning. EcoRI side has T3 primer and predominantly 5' reads. T7 primer on XhoI side of insert."

Conidial library. Point inoculation of Guy11 at center of oatmeal agar plate. Conidia were harvested after two weeks of growth. Sequences were processed by one of two methods. Where a full-length alignment to the *M. grisea* genome sequence was available, the EST sequence was trimmed according to the alignment, otherwise sequence quality was assessed using phredphrap version 991019 and trimmed according to phd files (0.05) and for vector segs."

Query Match 0.3%; Score 16.8; DB 1; Length 25;

Best local Similarity 90.0%; Pred. No. 1.2e+02;

Matches 18; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 276 CTCTTCTCTCTCTCTCTCT 295

Db 24 CTAGTCTCTCTCTCTCTCT 5

RESULT 112

A2766246

LOCUS A2766246 23 bp DNA linear GSS 16-FEB-2001

DEFINITION 1M0563J08R Mouse 10kb plasmid UGCGIM library Mus musculus genomic

clone UGCGIM0563J08 R, genomic survey sequence.

ACCESSION A2766246

VERSION A2766246.1 GI:12883119

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE Mouse whole genome scaffolding with paired end reads from 10kb

JOURNAL

COMMENT

CONTACT

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0563 row: J column: 08

Seq primer: CACACAGAAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 23.

FEATURES

source

1..23

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UGCGIM0563J08"

/sex="Male"

/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"

/clone_lib="Mouse 10kb plasmid UGCGIM library"

/note="Vector: PMD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adaptor DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel

electrophoresis. Vector DNA was prepared from a derivative

of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 16.6; DB 1; Length 23;

Best local Similarity 82.6%; Pred. No. 1.1e+02;

Matches 19; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 271 TCTCTCTCTCTCTCTCTCTCT 293

Db 1 TCTCCCTCTCTCTCTCTCTCT 23

RESULT 113

A2805923

LOCUS A2805923 24 bp DNA linear GSS 20-FEB-2001

DEFINITION 2M0067N05R Mouse 10kb plasmid UGCGIM library Mus musculus genomic

clone UGCGIM0067N05 R, genomic survey sequence.

ACCESSION A2805923

VERSION A2805923.1 GI:12966734

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE Mouse whole genome scaffolding with paired end reads from 10kb

JOURNAL

COMMENT

CONTACT

University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0067 row: N column: 05

Seq primer: CACACAGAAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 24.

FEATURES

source

1..24

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UGCGIM0067N05"

/sex="Male"

/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"

/clone_lib="Mouse 10kb plasmid UGCGIM library"

/note="Vector: PMD42nv; Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adaptor DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel

electrophoresis. Vector DNA was prepared from a derivative

of pMD42 (gi|4732114|gb|AF129072.1), a copy-number

Best Local Similarity 81.8%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
QY 265 CCCCCCTCTCTCTCTCTC 285
DB 22 CCCCCCTCTCTCTCTCTC 1

RESULT 121
LOCUS CF309796/c
DEFINITION 22 bp mRNA linear EST 15-AUG-2003
ABF--04-C02.b1 ABF3-overexpressing transgenic rice plasmid cDNA
library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone
ABF--04-C02, mRNA sequence.
CF309796
ACCESSION CF309796.1 GI:33681557

VERSION
KEYWORDS
SOURCE
ORGANISM
EST.
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Ehrhartoideae; Oryzaceae; Oryza.

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
1 (bases 1 to 22)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.T., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
Genomic and Genetic Institute, GreenGene Biotech Inc.; Division
of Bioscience and Bioinformatics, Myongji University
Yongin, Kyonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.

FEATURES
source
location/Qualifiers
1..22
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultiyar="Nackdong"
/db_xref="taxon:39347"
/clone="ABF--04-C02"
/cissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="ABF3-overexpressing transgenic rice plasmid
cDNA library (ABF)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; Leaf was dried
for 2hrs. Oligo-capped mRNA was reverse transcribed and
then used for PCR. mRNA was prepared from ABA-responsive
element binding transcription factor 3 overexpression
line."

Query Match 0.3%; Score 15.6; DB 1; Length 22;
Best Local Similarity 81.8%; Pred. No. 1.3e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 278 CTTCTCTCTCTCTCTCTGCT 299
DB 22 CTTCTCTCTCTCTCTCTCT 1

RESULT 122
LOCUS AM245303
DEFINITION 23 bp mRNA linear EST 07-JAN-2000
2822872.3prtime NIH_MGC_7 Homo sapiens cDNA clone IMAGE:2822872 3',
mRNA sequence.

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
AM245303
AM245303
AM245303.1 GI:6588296
EST.
Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT
1 (bases 1 to 23)
NIH-MGC <http://mhc.nci.nih.gov/>.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
Other_ESTs: 2822872.5prtime
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-r@mail.nih.gov
Tissue Procurement: DCTD/DCP cDNA Library Preparation: Ling
Hong/Rubin Laboratory cDNA Library Arrayed by: The I.M.A.G.E.
Consortium (ILNLI) DNA Sequencing by: Berkeley MGC sequencing
project Clone distribution: MGC clone distribution information can
be found through the I.M.A.G.E. Consortium/ILNLI at:
www.bio.1nl.gov/bbtp/image/image.html Base Calling / Quality
Scores: PHRED from University of Washington Genome Center. Vector
Trimming: cross match from University of Washington Genome Center
PHRAP suite. Poly-T Identification: patchmatch.pl from Berkeley
Drosophila Genome Project. University of Washington Genome Center:
<http://www.genome.washington.edu> Very Low Quality Sequence: Trace
file contained 23 contiguous distinct peaks following vector
sequence. Short insert: Based upon the presence of vector at both
ends of the untrimmed sequence, this clone probably contains a cDNA
insert of approximately 23 bases.
Plate: LICM10 row: I column: 17
High quality sequence scop: 460.

FEATURES
source
location/Qualifiers
1..23
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2822872"
/cissue_type="small cell carcinoma"
/cell_line="MGC3"
/lab_host="DH10B (phage-resistant)"
/clone_lib="NIH MGC 7"
/note="Organ: lung; Vector: pORF7; Site_1: XhoI; Site_2:
EcoRI; cDNA made by oligo-dT priming. Directionally
cloned into EcoRI/XhoI sites using the following 5'
adapter: GGCACGAG(G). Size-selected >500bp for average
insert size 1.8kb. Library constructed by Ling Hong in
the laboratory of Gerald M. Rubin (University of
California, Berkeley) using ZAP-cDNA synthesis kit
(Stratagene) and Superscript II RT (Life Technologies)."

Query Match 0.3%; Score 15.6; DB 1; Length 23;
Best Local Similarity 81.8%; Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 276 CTTCTCTCTCTCTCTCTCTG 297
DB 2 CTAGTCTCTCTCTCTCTCTG 23

RESULT 123
LOCUS BX558114
DEFINITION 23 bp mRNA linear EST 10-OCT-2003
BX558114 Glosina moritans moritans adult infected gut Glosina
moritans moritans cDNA clone Tse35602_g1c, mRNA sequence.
BX558114.1 GI:33429261

ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
EST.
Glosina moritans moritans
Glosina moritans moritans
Eukaryota; Metazoa; Arthropoda; Hexapoda; Insecta; Pterygota;
Neoptera; Endopterygota; Diptera; Brachycera; Muscomorpha;
Hippoboscidae; Glossinidae; Glosina.

REFERENCE
AUTHORS
TITLE
JOURNAL
MEDLINE
1 (bases 1 to 23)
Lehane,M.J., Aksoy,S., Gibson,W., Kertornou,A., Berriman,M.,
Hamilton,D., Soares,M.B., Bonaldo,M.F., Lehane,S. and Hall,N.
Adult midgut expressed sequence tags from the tsetse fly Glosina
moritans moritans and expression analysis of putative immune
response genes
Genome Biol. 4 (10), R63 (2003)
22881942

PUBMED COMMENT

14519198
Contact: Hall N
Pathogen Sequencing Unit
The Sanger Institute The Wellcome Trust Genome Campus
Hinxton, Cambridge, CB10 1SA, UK
Request for clones, please contact: Mike Lehane
Prof. M.J. Lehane
School of Biological Sciences,
University of Wales,
Bangor L157 2UW

All clones with suffix gic are reverse primer reads starting at 5' end of the cDNA all pic reads are from the 3' end.

FEATURES

source

1. .23
Location/Qualifiers
/organism="Glossina morsitans morsitans"
/mol_type="mRNA"
/sub_species="morsitans"
/db_xref="taxon:37546"
/clone="Tse36902.gic"
/tissue_type="adult infected gut"
/clone_id="Glossina morsitans morsitans adult infected gut"
/note="country: Zimbabwe; EST from adult gut infected with T.brucei"

Query Match

Best Local Similarity 0.3%; Score 15.6; DB 1; Length 23;
Pred. No. 1.4e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 3980 GGCGCGGCGACTACCGGACAAAC 4001

Db 1 GGCGCGGCGACGACGCGACAAAC 22

RESULT 124

CF920973/c

LOCUS

DEFINITION gmthrmw3-03.H06.1_034 Soybean root hair subtracted cDNA library

CF920973

VERSION

KEYWORDS

SOURCE

ORGANISM

GLYCINE max (soybean)

Eukaryote; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae; Glycine.

1 (bases 1 to 24)

Scheffler,B.E., Huang,S., Liu,X., Nguyen,H., Duke,M. and Stacey,G.

Expressed sequence tags from soybean root hair subtractive cDNA library

Unpublished (2003)

Contact: Gary Stacey

University of Missouri

108 Waters Hall, Columbia, MO 65211, USA

Tel: 573-884-4752

Fax: 573-882-0588

Email: staceygm@missouri.edu

Single pass sequence

Seq primer: T7

Location/Qualifiers

1. .24

/organism="Glycine max"

/mol_type="mRNA"

/cultivar="Williams 82"

/db_xref="taxon:3847"

/tissue_type="root hairs"

/clone_id="Soybean root hair subtracted cDNA library gmthrmw3"

/note="Organ: root hairs; Vector: PCR2-1 Topo; cDNA clones generated from soybean root hair tissue treated with

Bradyrhizobium japonicum for 3 hours."

Query Match

Best Local Similarity 0.3%; Score 15.6; DB 1; Length 24;
Pred. No. 1.5e+02;
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5072 CCTATCTCTGTGGCTTTCAGCT 5093

Db 23 CCTTCTTGTGGCTTTCCTCT 2

RESULT 125

AZ811393

LOCUS

DEFINITION 2M0077E06R Mouse 10kb plasmid UUGC1M library Mus musculus genomic

clone UUGC2M0077E06 R, genomic survey sequence.

AZ811393

VERSION

KEYWORDS

SOURCE

ORGANISM

Mus musculus (house mouse)

Mus musculus

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

Unpublished (2000)

Contact: Robert B. Weiss

University of Utah Genome Center

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: dunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0077 row: E column: 06

Seq primer: CACACAGAAACAGCTATGACC

Class: plasmid ends

High quality sequence stop: 32.

Location/Qualifiers

1. .32

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC2M0077E06"

/sex="Male"

/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"

/clone_lib="Mouse 10kb plasmid UUGC1M library"

/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel

electrophoresis. Vector DNA was prepared from a derivative

of pMD42 (gi|4732114|gb|AF129072.1), a copy-number

inducible derivative of plasmid RL. The vector was ligated

with adaptors complementary to the insert adaptors and

purified. The sheared, adapted mouse DNA was annealed to

adapted vector DNA, and transformed into

chemically-competent E. coli XL10-Gold (Stratagene) cells

and selected for ampicillin resistance."

Query Match 0.3%; Score 15.6; DB 1; Length 32;
Best Local Similarity 70.0%; Pred. No. 2.3e+02;
Matches 21; Conservative 0; Mismatches 9; Indels 0; Gaps 0;
QY 2805 GGAGAAATGAGAGAGAGAGAGAGAG 2834
Db 2 GGAGAAAGAGAGAGAGAGAGAGAG 31

RESULT 126
AZ469557 23 bp DNA linear GSS 04-OCT-2000
LOCUS 1M02833A09F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC1M0283A09 F, genomic survey sequence.
ACCESSION AZ469557
VERSION AZ469557.1 GI:10627682
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1 (bases 1 to 23)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weis, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0283 row: A column: 09
Seq primer: CGTTGTAACGACGCGCCACT
Class: plasmid ends
High quality sequence stop: 23.
Location/Qualifiers
1. .23
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0283A09"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PMD42 (g1|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 15.4; DB 1; Length 23;
Best Local Similarity 94.1%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
QY 270 CTCTCTCTCTCTCTCTC 286
Db 7 CTCTCTCTCTCTCTC 23

RESULT 127
AZ435824 29 bp DNA linear GSS 03-OCT-2000
LOCUS 1M0223P02F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC1M0223P02 F, genomic survey sequence.
ACCESSION AZ435824
VERSION AZ435824.1 GI:10559837
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1 (bases 1 to 29)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weis, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0223 row: P column: 02
Seq primer: CGTTGTAACGACGCGCCACT
Class: plasmid ends
High quality sequence stop: 29.
Location/Qualifiers
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/clone="UUGC1M0223P02"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
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0.005 inch orifice at constant velocity. The sheared DNA
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polynucleotide kinase. Adaptor oligonucleotides were
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adaptored DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PMD42 (g1|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptored mouse DNA was annealed to
adaptored vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match

0.3%; Score 15.4; DB 1; Length 29;

Best Local Similarity 76.0%; Pred. No. 2.1e+02;
Matches 19; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 4415 TAAATATATATATATATATATAT 4439

Db 5 TATATATATATATATATATATATAT 29

RESULT 128
AZ328467/c 40 bp DNA linear GSS 29-SEP-2000

LOCUS
DEFINITION
IM0525E18F Mouse 10kb plasmid UGCG1M library Mus musculus genomic
clone UGCG1M0525E18 F, genomic survey sequence.

ACCESSION
AZ328467
VERSION
AZ328467.1 GI:10388225

KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)

ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
AUTHORS
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT
Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0052 row: B column: 18
Seq primer: CGTTGTTAAACGACGCCACG
Clase: plasmid ends
High quality sequence stop: 40.
Location/Qualifiers

FEATURES

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/clone_lib="Mouse 10kb plasmid UGCG1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
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10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (G14732114[gb]/AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 15.4; DB 1; Length 40;
Best Local Similarity 66.7%; Pred. No. 2.6e+02;

Matches 22; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2802 GAAGGAAATGACAGAGAGAGAGAGAGAGAG 2834

Db 39 GAAGGAGAGAGAGAGAGAGAGAGAGAGAGAG 7

RESULT 129
AZ652627/c 22 bp DNA linear GSS 14-DEC-2000

LOCUS
DEFINITION
IM0525K24R Mouse 10kb plasmid UGCG1M library Mus musculus genomic
clone UGCG1M0525K24 R, genomic survey sequence.

ACCESSION
AZ652627
VERSION
AZ652627.1 GI:11789331

KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)

ORGANISM
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE
AUTHORS
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT
Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0525 row: K column: 24
Seq primer: CACACAGAAACGATGACG
Clase: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers

FEATURES

source

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/organism="Mus musculus"
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/strain="C57BL/6J"
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/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCG1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
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ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (G14732114[gb]/AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 15.2; DB 1; Length 22;
Best Local Similarity 85.0%; Pred. No. 1.4e+02;
Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2814 GAAGAAGAGAGGCGGA 2833
 Db 22 GAAGAAGAGAGGCGGA 3

RESULT 130
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 LOCUS 2M063132R Mouse 10kb plasmid UGCM library Mus musculus genomic
 DEFINITION clone UGCM0063123 R, genomic survey sequence.

ACCESSION AZ803482
 VERSION AZ803482.1 GI:12955805
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus; 1 (bases 1 to 22)

REFERENCE 1 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Rellly, M., Rose, M., Rose, R., Stokes, R., Tinney, A., von Niederhausen, A. and Wright, D., Weis, R., University of Utah Plasmid inserts Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts Unpublished (2000)

JOURNAL Contact: Robert B. Weiss
 COMMENT University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert length: 10000 Std Error: 0.00
 Plate: 0063 row: I column: 23
 Seq primer: CACACAGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 22.
 Location/Qualifiers

FEATURES
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 /mol_type="genomic DNA"
 /strain="C57BL/6J"
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 /clone="UGCM0063123"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g1473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptor complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 15.2; DB 1; Length 22;
 Best Local Similarity 85.0%; Pred. No. 1.4e+02;
 Matches 17; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 439 GGCTTCGCTCCCTCGGTG 458
 Db 2 GGCTTCCTCCCATCGGTG 21

RESULT 131
 BG668047 18 bp mRNA linear EST 30-APR-2001
 LOCUS DRABUA12 Rat DRG Library Rattus norvegicus cDNA clone DRABUA12 5',
 DEFINITION DRBA sequence.

ACCESSION BG668047
 VERSION BG668047.1 GI:13889969
 KEYWORDS EST.
 SOURCE Rattus norvegicus (Norway rat)
 ORGANISM Rattus norvegicus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Rattus; 1 (bases 1 to 18)

REFERENCE 1 Xiao, H.S., Huang, Q.H., Zhang, F.X., Bao, L., Lu, Y.J., Guo, C., Yang, L., Huang, W.J., Fu, G., Xu, S.H., Cheng, X.P., Yan, Q., Zhu, Z.D., Zhang, X., Chen, Z., Han, Z.G. and Zhang, X. Identification of gene expression profile of dorsal root ganglion in the rat peripheral axotomy model of neuropathic pain Proc. Natl. Acad. Sci. U.S.A. 99 (12), 8360-8366 (2002)

JOURNAL MEDLINE
 PUBMED 12060780
 COMMENT Contact: Zhang Xu
 Laboratory of Sensory System
 Institute of Neuroscience
 320 Yue Yang Road, Shanghai 200031, P.R. China
 Tel: 86-21-64748700-121
 Fax: 86-21-64713446
 Email: xu.zhang@ion.ac.cn
 This clone is also available at Chinese National Human Genome Center at Shanghai, 351 Guo Shouling Road, Zhangjiang Hi-Tech Park, Pudong New Area, P.R.China. Please contact with Zhang Xu (xu.zhang@ion.ac.cn) or Han Zeguang (hanzg@chc.sh.cn)

PCR Primers FORWARD: T3
 BACKWARD: T7
 Seq primer: T3
 POLYA=No.
 Location/Qualifiers

FEATURES
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 /dev_stage="adult"
 /clone_lib="Rat DRG Library"

Query Match 0.3%; Score 15; DB 1; Length 18;
 Best Local Similarity 100.0%; Pred. No. 99;
 Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 281 TCTCTCTCTCTCTCT 295
 Db 1 TCTCTCTCTCTCTCT 15

RESULT 132
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 LOCUS 1M0025F13R Mouse 10kb plasmid UGCM library Mus musculus genomic
 DEFINITION clone UGCM0025F13 R, genomic survey sequence.

ACCESSION AZ310681
 VERSION AZ310681.1 GI:10352903
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1 (bases 1 to 23)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0025 row: F column: 13
Seq primer: CACACAGAAACACCTATGAC
Class: plasmid ends
High quality sequence stop: 23.
Location/Qualifiers
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/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (G14732114[gb|AF129072.1]), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
REFERENCE 1 (bases 1 to 23)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0231 row: F column: 04
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Class: plasmid ends
High quality sequence stop: 23.
Location/Qualifiers
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/clone="UUGC1M0231P04"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (G14732114[gb|AF129072.1]), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

REFERENCE 1 (bases 1 to 23)
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10Kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contract: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0554 row: C column: 08
 Seq primer: CGTTGTAAACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 23.

FEATURES
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 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UGC1M library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (GI4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 15; DB 1; Length 23;
 Best Local Similarity 78.3%; Pred. No. 1.6e+02;
 Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1797 GGCGAGGAAAGCGCGGACGA 1819
 Db 23 GACGAGGAAATGACGACGAGCGA 1

RESULT 135
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 LOCUS 23 bp DNA linear GSS 16-FEB-2001
 DEFINITION 1M0559B19F Mouse 10kb plasmid UGC1M library Mus musculus genomic
 accession AZ763749
 version AZ763749.1 GI:12875096
 keywords GSS.
 source Mus musculus (house mouse)
 organism Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 23)
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10Kb plasmid inserts
 JOURNAL Unpublished (2000)
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 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0559 row: B column: 19
 Seq primer: CGTTGTAAACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 23.

FEATURES
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Query Match 0.3%; Score 15; DB 1; Length 23;
 Best Local Similarity 78.3%; Pred. No. 1.6e+02;
 Matches 18; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 4616 GCCCTCTGAGTGAACAAGCG 4638
 Db 1 GTCTCTCTGAGTGAACAAGCG 23

RESULT 136
 B0594437/c
 LOCUS 18 bp mRNA linear EST 06-DEC-2002
 DEFINITION E012442-024-024-M20-SP6 MPZ-ADIS-024-developing root Beta vulgaris
 accession B0594437
 version B0594437
 keywords EST.
 source Beta vulgaris
 organism Beta vulgaris
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Caryophyllales; Amaranthaceae; Beta.

REFERENCE 1 (bases 1 to 18)
 AUTHORS Herwig, R., Schulz, B., Weishaar, B., Hennig, S., Speinfach, M., Drungowski, M., Stahl, D., Wruck, M., Menze, A., O'Brien, J., Lehrich, H. and Kadelof, U.
 TITLE Construction of a 'unigenes' cDNA clone set by oligonucleotide fingerprinting allows access to 25 000 potential sugar beet genes
 JOURNAL Plant J. 32 (5), 845-857 (2002)
 MEDLINE 22362189
 PUBMED 12472698
 COMMENT Contact: Weishaar B
 ADIS DNA core facility at MPIZ
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weishaar@mpiz-koeln.mpg.de
 Insert Length: 18 Std Error: 0.00
 Plate: 24 row: M column: 20
 Seq primer: SP6; CATACGATTAGTGACACTATAG.
 Location/Qualifiers
 1..18
 /organism="Beta vulgaris"
 /mol_type="mRNA"
 /cultivar="KWS2320 (double haploid, monogerm breeding line)"
 /db_xref="GABI:192416"
 /db_xref="taxon:161934"
 /clone="024-024-M20"
 /issue_type="developing root"
 /lab_host="EMDH10B"
 /clone_1lb="MPIZ-ADIS-024-developing root"
 /note="Vector: PCMVSPORT6; Site 1: SalI; Site 2: NotI; cDNA library from sugar beet, library provided by KWS Kleinfeldener Saatgut AG Einbeck, Germany, contact: b.schulze@kws.de; cloning sites SalI-NotI, primer sites and orientation:
 SP6-SalI-CCACGCGTCG-5prime-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Best project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: http://gabi.rzpd.de"

Query Match 0.3%; Score 14.8; DB 1; Length 18;
 Best Local Similarity 88.9%; Pred. No. 1e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 272 CTCTCTCTCTCTCTCT 289
 |||||
 18 CTCTCTCTCTCTCTCT 1

RESULT 137
 AB094448/c
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 EST.
 Oryza sativa (japonica cultivar-group)
 Oryza sativa (japonica cultivar-group)
 Eukaryote; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzaceae; Oryza.
 1 (bases 1 to 22)
 Mano, H., Noguchi, M., Oshima, T., Yoneyama, T., Hayashi, H. and Fujiwara, T.
 Small RNAs detected in the rice phloem sap
 Unpublished (2003)
 Contact: Hiromori Mano
 Plant Genome Center Co., Ltd
 Kamondai-1-25-2, Teukuba, Ibaraki 305-0856, Japan
 Tel: 81-298-39-4823
 Email: hmano@pgcna.co.jp.

FEATURES
 source
 Location/Qualifiers
 1..22
 /organism="Oryza sativa (japonica cultivar-group)"
 /mol_type="mRNA"
 /cultivar="Nipponbare"
 /db_xref="taxon:39947"
 /clone="PA568"
 /issue_type="phloem"
 /clone_1lb="lambda Triplex2 rice phloem sap cDNA"

Query Match 0.3%; Score 14.8; DB 1; Length 22;
 Best Local Similarity 88.9%; Pred. No. 1.6e+02;
 Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 279 TTTCTCTCTCTCTCTT 296
 |||||
 21 TTTCTCTCTCTCTCTT 4

RESULT 138
 AZ494388
 LOCUS
 DEFINITION
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 GSS.
 Mus musculus (house mouse)
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 Dunn, D., Aoyagi, A., Barber, M., Beacom, T., Duval, B., Hamil, C., Islem, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weis
 University of Utah Genome Center.
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0329 row: C column: 07
 Seq primer: CACACAGAAACGCTATGAC
 Class: plasmid ends
 High quality sequence stop: 22.
 Location/Qualifiers
 1..22
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0329C07"
 /sex="Male"
 /lab_host="R. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: pMD29, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel

electroporation. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match
Best Local Similarity 88.9%; Pred. No. 1.6e+02;
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 4754 GCTAGGCTGAGACAGG 4771

Db 3 GGTAGGCTGAGACAGG 20

RESULT 139
A2803482 22 bp DNA linear GSS 16-FEB-2001
LOCUS A2803482/c
DEFINITION 2M0063123R Mouse 10kb plasmid UUGCIM library Mus musculus genomic
clone UUGCM0063123 R, genomic survey sequence.

ACCESSION A2803482
VERSION A2803482.1 GI:12955805
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 22)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islem, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plates: 0063 Row: I Column: 23
Seq primer: CACACAGAAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers

FEATURES
source 1..22
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGCM0063123"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGCIM library"
/note="Vector: pMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative

of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match
Best Local Similarity 81.0%; Pred. No. 1.6e+02;
Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4025 GCACCGGCGCGAGAGGCGCC 4045

Db 22 GCACCGATGAGAGAGAGGCC 2

RESULT 140
A1157560 22 bp mRNA linear EST 30-SEP-1998
LOCUS A1157560/c
DEFINITION u565605.r1 Soares mammary gland NMLMG Mus musculus cDNA clone IMAGE:1495160 5' similar to SW:SELP_MOUSE P70274 SELENOPROTEIN P PRECURSOR. [1], mRNA sequence.

ACCESSION A1157560
VERSION A1157560.1 GI:3686029
KEYWORDS EST.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 22)
AUTHORS Marra, M., Hillier, L., Allen, M., Bowles, M., Dietrich, N., Dubuque, T., Geisel, S., Kuehnb, T., Lacy, M., Le, M., Martin, J., Morris, M., Schellenberg, K., Steptoe, M., Tan, F., Underwood, K., Moore, B., Theising, B., Wylie, T., Lennon, G., Soares, B., Wilson, R. and Waterston, R.

TITLE The WashU-HMI Mouse EST Project
JOURNAL Unpublished (1996)
COMMENT Contact: Maria M. Mouse EST Project
WashU-HMI Mouse EST Project
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: mouseest@wustl.edu
This clone is available royalty-free through LBL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
MGI:932764
Trace considered overall poor quality
Possible reversed clone; similarity on wrong strand
Seq primer: -28m13 rev2 ET from Amerham
High quality sequence stop: 1.
Location/Qualifiers

FEATURES
source 1..22
/organism="Mus musculus"
/mol_type="mRNA"
/db_xref="taxon:10090"
/clone="IMAGE:1495160"
/sex="female (lactating)"
/tissue_type="mammary gland"
/lab_host="DH10B"
/clone_lib="Soares mammary gland NMLMG"
/note="Vector: pRT73D-Pac (Pharmacia) with a modified polylinker; 1st strand cDNA was prepared from mammary gland tissue from a lactating female, and was then primed with a Not I - oligo(dT) primer. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pRT73 vector. Library is normalized. Library was constructed by Bento Soares and M. Fatima Bernaldo."

Query Match
Best Local Similarity 81.0%; Pred. No. 1.6e+02; Length 22;

Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 709 AGGCATCCGAGGCTCTCCA 729
 ||||| ||||| ||||| |||||
 Db 22 AGGCAACCTGAGCTCTCCA 2

RESULT 141
 A1679260/c 22 bp mRNA linear EST 26-MAY-1999
 LOCUS t162308.x1 NCI CGAP Gas4 Homo sapiens cDNA clone IMAGE:2255631 3'
 DEFINITION similar to TR:069340 ORF1, ORF2, AND ORF3. ;contains element
 M8RI repetitive element ; mRNA sequence.

ACCESSION A1679260
 VERSION A1679260.1 GI:4889442
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.

REFERENCE 1 (bases 1 to 22)
 NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
 TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
 Tumor Gene Index
 JOURNAL Unpublished (1997)
 COMMENT Contact: Robert Strausberg, Ph.D.
 Email: cgapdb-remail.nih.gov
 Tissue Procurement: Christopher Moskalko, M.D., Ph.D., Michael R.
 Emmert-Buck, M.D., Ph.D.
 CDNA Library Preparation: Life Technologies, Inc.
 CDNA Library Arrayed by: Greg Lennon, Ph.D.
 DNA Sequencing by: Washington University Genome Sequencing Center
 Clone distribution: NCI-CGAP clone distribution information can be
 found through the I.M.A.G.E. Consortium/LINL at:
 www-bio.lnln.gov/bdrp/image/image.html

FEATURES
 source
 1..22
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:2255631"
 /issue_type="poorly differentiated adenocarcinoma with
 signed ring cell features"
 /lab_host="DH10B"
 /clone_lib="NCI CGAP Gas4"
 /note="Organ: stomach; Vector: pCMV-Sport6; Site:1: SalI;
 Site:2: NciI; Cloned unidirectionally. Primer: Oligo dt.
 Average insert size 1.69 Kb. Life Technologies catalog #: 11549-011"

Query Match 0.3%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 1.6e+02;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 5019 AGGAGAGGTGGGCTCTTGGT 5039
 ||||| ||||| ||||| |||||
 Db 21 AGGGGGGGGGGGGGCTTGGT 1

RESULT 142
 AG203045/c 22 bp DNA linear GSS 06-MAR-2004
 LOCUS Pan troglodytes DNA, clone: RP43-087A06.T7, genomic survey
 DEFINITION sequence.
 ACCESSION AG203045
 VERSION AG203045.1 GI:45235220
 KEYWORDS GSS.
 SOURCE Pan troglodytes (chimpanzee)
 ORGANISM Pan troglodytes

REFERENCE 1
 Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
 Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
 BAC end sequences of Library RP-43
 JOURNAL Unpublished
 REFERENCE 2 (bases 1 to 22)
 AUTHORS Park, H., Kim, Y., Kim, S., Han, Y., Woo, T., Park, K., Eun, C.J.,
 Hoon, S.T., Chu, M., Kim, H., Joo, S., Kim, C., Song, W. and Yoo, H.
 TITLE Direct Submission
 JOURNAL Submitted (07-JAN-2002) Hong-Seo Park, Korea Research Institute of
 Bioscience and Biotechnology (KRIIB), Genome Research Center (GRC);
 52, Oun-dong, Yusong-gu, Daejeon 305-333, Korea
 (E-mail: redstone@mail.kribb.re.kr, URL: http://phs.grc.kribb.re.kr/,
 Tel: 82-42-866-7181, Fax: 82-42-860-4409)
 Clones are derived from the chimpanzee BAC library RP-43 This BAC
 end was generated during the R&D process and may have higher chance
 of clone tracking errors.
 PRIMERS
 Sequencing: T7
 LIBRARY
 Vector : pBACe3.6
 R.Site 1 : EcoRI
 R.Site 2 : EcoRI.
 Location/Qualifiers
 1..22
 /organism="Pan troglodytes"
 /mol_type="genomic DNA"
 /db_xref="taxon:9598"
 /clone="RP43-087A06.T7"
 /sex="male"
 /cell_type="lymphocytes"
 /clone_lib="RP-43 Chimpanzee Male BAC Library"

Query Match 0.3%; Score 14.6; DB 1; Length 22;
 Best Local Similarity 81.0%; Pred. No. 1.6e+02;
 Matches 17; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4904 GTGGGCGAGCCATCAGCCACA 4924
 ||||| ||||| ||||| |||||
 Db 21 GAGAGCAGCCCTCAGCCAGACA 1

RESULT 143
 AZ636640 30 bp DNA linear GSS 13-DEC-2000
 LOCUS clone UUGC1M0495P01 R, genomic survey sequence.
 DEFINITION AZ636640
 ACCESSION AZ636640
 VERSION AZ636640.1 GI:11758830
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 30)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausen, A. and Wright, D. Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weis
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00

b.schulz@kws.de; cloning sites SalI-NciI, primer sites and orientation:
 SPE-Sali-CCAGCGCTCCG-5prime-DNA-polYA-CC-NciI-T7; Note:
 Sequencing granted in the context of the GABI-Best
 Project, local PI: Dr. Katharina Schneider, coordinator:
 Prof. Christian Jung; Sequence submission managed by
 RSPD/GABI-Primary database: <http://gabi.rzpd.de>

Query Match 0.3%; Score 14.4; DB 1; Length 17;
 Best Local Similarity 93.8%; Pred. No. 1e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 282 CTCCTCTCTCTCTCTG 297
 Db 1 CTCCTCTCTCTCTCG 16

RESULT 148
 AJ595204 18 bp DNA linear GSS 15-JAN-2004
 LOCUS
 DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone 413C04, genomic survey sequence.

ACCESSION AJ595204
 VERSION AJ595204.1 GI:37944828
 KEYWORDS GSS; left border; T-DNA flanking sequence.
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM Arabidopsis thaliana

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; Rosids; eustosids II; Brassicales; Brassicaceae; Arabidopsis.

REFERENCE 1
 Brunaud, V., Balzergue, S., Dubreucq, B., Aubourg, S., Samson, F., Chauvin, S., Bechthold, N., Cruaud, C., Desrose, R., Pelletier, G., Lepoint, L., Gaboché, M. and Lecharny, A.
 T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
 EMBO Rep. 3 (12), 1152-1157 (2002)

JOURNAL
 MEDLINE 12446565
 PUBMED 22363535
 REFERENCE
 AUTHORS Balzergue, S.
 TITLE Direct Submission
 JOURNAL Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE

COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program "Genoplante" (<http://www.genoplante.com> and <http://genoplante-info.inbio.gen.fr>).

FEATURES
 source Location/Qualifiers
 1..18
 /organism="Arabidopsis thaliana"
 /mol_type="genomic DNA"
 /cultivar="Massillaewskija"
 /db_xref="taxon:3702"
 /clone="413C04"
 /clone_1lb="Arabidopsis thaliana T-DNA insertion lines"
 misc_feature 1..18
 /note="T-DNA flanking sequence left border"

Query Match 0.3%; Score 14.4; DB 1; Length 18;
 Best Local Similarity 93.8%; Pred. No. 1.2e+02;

Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 479 CCTGCCGCGCCGCG 494
 |||||

Db 2 CCTGCCGCGCGCGCG 17

RESULT 149
 AZ815827 19 bp DNA linear GSS 20-FEB-2001
 LOCUS
 DEFINITION 2M0084K23F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC2M0084K23 F, genomic survey sequence.

ACCESSION AZ815827
 VERSION AZ815827.1 GI:12985735
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus

REFERENCE 1
 Dunn, D., Aoyagi, A., Barber, M., Becorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiser, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL
 COMMENT Unpublished (2000)
 CONTACT: Robert B. Weiser
 UNIVERSITY: University of Utah Genome Center
 ADDRESS: University of Utah
 RM. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLG, UT 84112, USA

Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00
 Plate: 0084 row: K column: 23

Seq primer: CGGTGTAACACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers

FEATURES
 source 1..19

/organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC2M0084K23"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 14.4; DB 1; Length 19;
 Best Local Similarity 93.8%; Pred. No. 1.3e+02;
 Matches 15; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1332 ATTGAAGACAGGTCA 1347
 Db 1 ATTGAGACAGGTCA 16
 |||||

RESULT 152
AZ651177
LOCUS 19 bp DNA linear GSS 14-DEC-2000
DEFINITION 1M0521C15R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
ACCESSION clone UGCGIM0521C15 R, genomic survey sequence.
VERSION A2651177
KEYWORDS A2651177.1 GI:11786406
SOURCE GSS.
ORGANISM Mus musculus (house mouse)
MUS musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
REFERENCE 1 (bases 1 to 19)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
JOURNAL Contact: Robert B. Weiss
COMMENT University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 0521 row: C column: 15
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.

FEATURES

source

1.19 Location/Qualifiers
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGIM0521C15"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptor DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PMD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptor mouse DNA was annealed to
adaptor vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4624 GGAGTGAGCAAGGCTCG 4642
|||||
Db 1 GGAGTGAGCAAGGCTCG 19

RESULT 153

AZ785573
LOCUS 19 bp DNA linear GSS 16-FEB-2001
DEFINITION 2M0029L02R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
ACCESSION clone UGCGIM0029L02 R, genomic survey sequence.
VERSION AZ785573
KEYWORDS AZ785573.1 GI:12922467
SOURCE GSS.
ORGANISM Mus musculus (house mouse)
MUS musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
REFERENCE 1 (bases 1 to 19)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
JOURNAL Contact: Robert B. Weiss
COMMENT University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 0028 row: L column: 02
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.

FEATURES

source

1.19 Location/Qualifiers
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGIM0029L02"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptor DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PMD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptor mouse DNA was annealed to
adaptor vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 14.2; DB 1; Length 19;
Best Local Similarity 84.2%; Pred. No. 1.4e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1823 TCGGACTACATCCCCCAT 1841
|||||
Db 1 TCGGACTACATCCCCCAT 19

RESULT 154
AZ858730

LOCUS	AZ858730	19 bp	DNA	linear	GENE 21-FEB-2001
DEFINITION	2M0164104F Mouse 10kb plasmid UUC1M library Mus musculus genomic clone UUCG2M0164104 F, genomic survey sequence.				
ACCESSION	AZ858730				
VERSION	AZ858730.1	GI:13052133			
KEYWORDS	GSS.				
SOURCE	Mus musculus (house mouse)				
ORGANISM	Mus musculus				
REFERENCE	Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.				
AUTHORS	Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Isaiam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Rellly,M., Rose,R., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D., Weiss,R.				
TITLE	Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts				
JOURNAL	Unpublished (2000)				
COMMENT	Contact: Robert B. Weiss University of Utah Genome Center University of Utah Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLc, UT 84112 USA Tel.: 801 585 5606 Fax: 801 585 7177 Email: ddunn@genetics.utah.edu Insert Length: 10000 Std Error: 0.00 Plate: 0164 row: 1 column: 04 Seq primer: CGGTGAACGACGCGCCAGT Class: plasmid ends High quality sequence stop: 19. Location/Qualifiers 1..19				
FEATURES					
source					

Query Match	0.3%	Score 14.2	DB 1	Length 19
Best Local Similarity	84.2%	Pred. No. 1.4e+02		
Matches 16	Conservative 0	Mismatches 3	Indels 0	Gaps 0
QY	213	GAAGCCGCGGCAGCCGTG	231	
Db	1	GAACGCCGCTGCAGCCTTG	19	
RESULT 155				
CF317946/c				
LOCUS	CF317946	20 bp	mRNA	linear
				EST 15-AUG-2003

DEFINITION	ACCESSION	VERSION	KEYWORDS	SOURCE	ORGANISM	REFERENCE	AUTHORS	TITLE	JOURNAL	COMMENT	
HD-07-006, g1 OSHDAC1-overexpressing transgenic rice plasmid cDNA library (HD) Oryza sativa (japonica cultivar-group) cDNA clone HD-07-006, mRNA sequence.	CF317946	CF317946.1	GI:33689707	EST.	Oryza sativa (japonica cultivar-group)	Oryza sativa (japonica cultivar-group)	Bakayoka: Viridiplantae; Streptophyta; Eukaryota: Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzaceae; Oryza.	1 (bases 1 to 20)	1 (bases 1 to 20)	Kim, J.S., Jun, K.M., Cheong, P.-Y., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, J.K., Kim, Y.-K., and Nahm, B.H.	Large-scale Sequencing Analysis of Rice ESTs Unpublished (2003)
Contact: Nahm B.H.	Genomics and Genetics Institute, GreenGene Biotech Inc., Division of Bioscience and Bioinformatics, Myongji University	Yongin, Kyeonggi, Korea	Tel: 82 31 330 6193	Fax: 82 31 321 6355	Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.	location/Qualifiers					

[illegible]

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0147 row: B column: 22
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.

FEATURES

source

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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCGCM0147B22"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UUCGCM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptor complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 2802 GAAGAGAAAATGAGAG 2820
DB 20 GGAGGAGAAAATGAGACTAG 2

RESULT 157
AZ829601 20 bp DNA linear GSS 20-FBB-2001
LOCUS 2M0107D03R Mouse 10kb plasmid UUCGCM library Mus musculus genomic
DEFINITION clone UUCGCM0107D03 R, genomic survey sequence.
ACCESSION AZ829601
VERSION AZ829601.1 GI:12399605
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamill, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT

84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0107 row: D column: 03
Seq primer: CACACAGGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.

FEATURES

source

1..20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCGCM0107D03"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UUCGCM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptor complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 14.2; DB 1; Length 20;
Best Local Similarity 84.2%; Pred. No. 1.5e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
QY 1715 CATGATCACCATCTTCATC 1733
DB 1 CATCATCATCATCATCATC 19

RESULT 158
AZ972315 20 bp DNA linear GSS 27-APR-2001
LOCUS 2M0246E09F Mouse 10kb plasmid UUCGCM library Mus musculus genomic
DEFINITION clone UUCGCM0246E09 F, genomic survey sequence.
ACCESSION AZ972315
VERSION AZ972315.1 GI:13843542
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamill, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddum@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0246 Row: E Column: 09
 Seq primer: CGTTGTAAACGACGCCAGT
 Class: plasmid ends
 High quality sequence stop: 20.
 Location/Qualifiers

FEATURES

source

1. .20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="MGC2M0246B09"
 /sex="Female"
 /lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
 /clone_id="Mouse 10kb plasmid UNG2M library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (G[14732114]gb[AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 598 TCGTGGTGCAGCAGTC 616
 |||||
 Db 20 TAGTGGTGCAGCAGTC 2

RESULT 159
 CL668627/c
 LOCUS
 DEFINITION
 C1668627 20 bp DNA linear GSS 09-JUN-2004
 PRI0158b.B03 - PRI0158b.B21 (20) Note: Recurring String Mixed stage
 fosmid library of P. pacificus var. California Pristionchus
 pacificus genomic, genomic survey sequence.

ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 C1668627
 GSS
 Pristionchus pacificus
 Pristionchus pacificus
 Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
 Neodiplogasteridae; Pristionchus.

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT
 1 (bases 1 to 20)
 Srinivasan,J., Otto,G.W., Kahlow,U., Geisler,R. and Sommer,R.J.
 Appads: an Aceda database for the nematode satellite organism
 Pristionchus pacificus
 Nucleic Acids Res. 32 (1), D421-D422 (2004)
 Contact: Sommer RJ
 Evolutionary Biology
 Max-Planck-Institute for Developmental Biology
 Spemannstr. 37-39, Tuebingen D-72076, Germany
 Tel: 00497071601371
 Fax: 00497071601498
 Email: ralf.sommer@tuebingen.mpg.de

This library was generated at Caltech, Pasadena, USA and end

sequenced at Vancouver, Canada.
 Seq primer: T7
 Class: fosmid ends.
 Location/Qualifiers

FEATURES

source

1. .20
 /organism="Pristionchus pacificus"
 /mol_type="genomic DNA"
 /strain="California"
 /db_xref="taxon:54126"
 /clone_id="Mixed stage fosmid library of P. pacificus
 var. California"
 /note="Vector: pcp1fos-5 Fosmid vector"

Query Match 0.3%; Score 14.2; DB 1; Length 20;
 Best Local Similarity 84.2%; Pred. No. 1.5e+02;
 Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

Qy 5085 CTTTCAGCTCTGCTTCTT 5103
 |||||
 Db 19 CTTTCAGCTCTTCTTCTT 1

RESULT 160
 BM148986/c
 LOCUS
 DEFINITION
 BM148986 21 bp mRNA linear EST 30-NOV-2001
 TCAAP2E5567 Pediatric acute myelogenous leukemia cell (FAB M1)
 Baylor-HGSC project=TCOA Homo sapiens CDNA clone TCAAP5567, mRNA
 sequence.

ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM
 BM148986
 BM148986.1 GI:17170198
 EST.
 Homo sapiens (human)

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1 (bases 1 to 21)
 Wei,Y., Tsang,Y.T.M., Mei,G., Ku,Y.M., Ali-Osman,F.R., Jr.,
 Gunaratne,P.H., Muzny,D., Bouck,J., Gibbs,R.A. and Margolin,J.F.
 Pediatric leukemia CDNA Sequencing Project (2001)
 Unpublished (2001)
 Contact: Dr. Judith F. Margolin
 Texas Children's Cancer Center and Human Genome Sequencing Center
 at Baylor College of Medicine
 1102 Bates, MC3-3320 Houston, TX 77030, USA
 Tel: 832-824-4536
 Fax: 832-825-4038
 Email: clones@ccc.org
 Seq primer: M13 primer.

FEATURES

source

1. .21
 Location/Qualifiers

/organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="TCAAP5567"
 /sex="male"
 /tissue_type="leukopheresis"
 /cell_type="myeloid cell"
 /dev_stage="pediatric 6 years"
 /lab_host="DH10B"
 /clone_id="Pediatric acute myelogenous leukemia cell (FAB
 M1) Baylor-HGSC project=TCOA"
 /note="Vector: lambda pSB, Site 1: BamHI; Site 2: EcoRI;
 First strand cDNA was primed with an anchored
 XhoI-oligo(dT) primer [5'GGAGGACTCGAGCGCGCAGAGAG(T)VN
 3'; V=A,C,G; N=A,C,G,T] and then dg tailed. Second strand
 was primed with a BamHI-dc primer
 [5'AGAGCTCGAGTCGCGCGCGCAATATATAT(C) 3'].
 Double-stranded cDNA was then digested with BamHI and XhoI
 and directionally cloned into the BamHI and SalI sites of
 lambda pSB vector. Library went through one round of
 normalization. Library was constructed by Wei Yu at RIKEN
 of Japan (Garnici P, Westover A, Nishiyama Y, Ohsuni T,
 Itoh M, Nagaoka S, Sasaki Y, Muramatsu M,

Schneider C, Hayashizaki Y, High efficiency selection of full-length cDNA by improved biotinylated cap trapper., DNA Res 4: 1, 61-6, Feb 28, 1997"

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1592 GGAAAGAGAGAGAGAG 1610
DB 19 GGAGAGCAGAGAGAG 1

RESULT 161
AZ810272/c 21 bp DNA linear GSS 20-FEB-2001
LOCUS 2M0074012R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
DEFINITION clone UGCG2M0074012 R, genomic survey sequence.
ACCESSION AZ810272
VERSION AZ810272.1 GI:12977370
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 21)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0074 Row: O Column: 12
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers

FEATURES
source 1..21
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG2M0074012"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (GI4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into

chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 14.2; DB 1; Length 21;
Best Local Similarity 84.2%; Pred. No. 1.7e+02;
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2814 GAAGAAGAGAGAGAGG 2832
DB 21 GAAAAAGAGAGAGAGG 3

RESULT 162
AZ658074 21 bp DNA linear GSS 14-DEC-2000
LOCUS 1M0534G12R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
DEFINITION clone UGCG1M0534G12 R, genomic survey sequence.
ACCESSION AZ658074
VERSION AZ658074.1 GI:11795220
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 21)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0534 Row: G Column: 12
Seq primer: CACACAGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 21.
Location/Qualifiers

FEATURES
source 1..21
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG1M0534G12"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (GI4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into

chemically-competent E. coli XL10-Gold (Stratagene) cells

and selected for ampicillin resistance."

Query Match 0.3%; Score 14; DB 1; Length 21;
Best Local Similarity 100.0%; Pred. No. 1.7e+02;
Matches 14; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1062 CAAGATTATTTAG 1075
|||||
8 CAAGATTATTTAG 21

RESULT 163
AZ860079/c 35 bp DNA linear GSS 21-FEB-2001
LOCUS 2M0155J19R Mouse 10kb plasmid UGCGM library Mus musculus genomic
DEFINITION clone UGCG2M0155J19 R, genomic survey sequence.
ACCESSION AZ860079.1 GI:13055041
VERSION
KEYWORDS
SOURCE
ORGANISM

Mus musculus (house mouse)

REFERENCE
AUTHORS
1 (bases 1 to 35)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausen, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

TITLE
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: edunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0165 row: J column: 19
Seq primer: CACACAGCAACACCTATGACC
Class: plasmid ends
High quality sequence stop: 35.

JOURNAL
COMMENT

FEATURES
Source
1. .35
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG2M0155J19"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGM library"
/note="Vector: PWD42nv, Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.3%; Score 14; DB 1; Length 35;
Best Local Similarity 66.7%; Pred. No. 3e+02;
Matches 20; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 2794 AAGTCAGAGAGAGAAATGAAGAGNA 2823
|||||
33 AAGAGAGAGAGAGAGAGAGAGAGAGNA 4

RESULT 164
AU265743 39 bp mRNA linear EST 26-APR-2004
LOCUS AU265743 VS Dictyostelium discoideum cDNA clone VSF759 3', mRNA
DEFINITION
sequence.
ACCESSION AU265743.1 GI:20524541
VERSION
KEYWORDS
SOURCE
ORGANISM

Dictyostelium discoideum
Dictyostelium discoideum
Eukaryota; Mycetozoa; Dictyostelida; Dictyostelium.

REFERENCE
AUTHORS
1 (bases 1 to 39)
Urushihara, H., Morio, T., Saito, T., Kohara, Y., Kori, E., Ochiai, H.,
Maeda, M., Williams, J.G., Takeuchi, I. and Tanaka, Y.
Analyses of cDNAs from growth and slug stages of Dictyostelium
discoideum
Nucleic Acids Res. 32 (5), 1647-1653 (2004)

TITLE
Contact: Hideko Urushihara
Institute of Biological Sciences
University of Tsukuba
1-1-1 Tennoudai, Tsukuba, Ibaraki 305-8572, Japan
Tel: 81-298-53-4664
Fax: 81-298-53-6614
Email: hideko@iol.tsukuba.ac.jp.

JOURNAL
COMMENT

FEATURES
Source
1. .39
/organism="Dictyostelium discoideum"
/mol_type="mRNA"
/strain="AX4"
/db_xref="taxon:44689"
/clone="VSF759"
/sex="mat A"
/dev_stage="vegetative"
/clone_lib="VS"

Query Match 0.3%; Score 14; DB 1; Length 39;
Best Local Similarity 64.5%; Pred. No. 2.9e+02;
Matches 20; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 4409 TATGATATTAATTAATTAATTAATTAAT 4439
|||||
35 TATGATATTAATTAATTAATTAATTAAT 5

RESULT 165
B0593604/c 19 bp mRNA linear EST 06-DEC-2002
LOCUS B0593604 E012766-024-026-H12-SP6 MP12-ADIS-024-developing root Beta vulgaris
DEFINITION cDNA clone 024-026-H12 5-PRIME, mRNA sequence.
ACCESSION B0593604
VERSION
KEYWORDS
SOURCE
ORGANISM

BETA
Beta vulgaris
Beta vulgaris
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.

REFERENCE
AUTHORS
1 (bases 1 to 19)
Herwig, R., Schulz, B., Weishaar, B., Hennig, S., Steinfach, M.,
Drungowski, M., Stahl, D., Wrick, W., Menze, A., O'Brien, J., Lehrach, H.
and Radelof, U.
Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes

TITLE

JOURNAL Plant J. 32 (5), 845-857 (2002)
 MEDLINE 22362189
 PUBMED 12472698
 COMMENT Contact: Weisshaar B
 ADIS DNA core facility at MPIZ
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weisshaar@mplz-koeln.mpg.de
 Insert Length: 19 Std Error: 0.00
 Plate: 26 row: H column: 12
 Seq primer: Sp6; CATACGATTAGGTGACACTATAG.

FEATURES

source

Location/Qualifiers
 1. .19
 /organism="Beta vulgaris"
 /mol_type="mRNA"
 /cultivar="KMS2320 (double haploid, monogerm breeding line)"
 /db_xref="GABI:193251"
 /db_xref="taxon:161934"
 /clone="024-026-H12"
 /issue_type="developing root"
 /lab_host="EMDH10B"
 /clone_lib="MPIZ-ADIS-024-developing root"
 /note="Vector: PCWSPORT6; Site_1: SalI; Site_2: NotI; cDNA library from sugar beet, library provided by KMS Kleimanzeleber Saatgut AG Einbeck, Germany, contact: b.schulze@kms.de; cloning sites SalI-NotI, primer sites and orientation:
 586-Sali-CCACGCGCTCG-Sprine-cDNA-polyA-CC-NotI-T7; Note: Sequencing granted in the context of the GABI-Beet project, local PI: Dr. Katharina Schneider, coordinator: Prof. Christian Jung; Sequence submission managed by RZPD/GABI-Primary database: <http://gabi.rzpd.de>"

Query Match 0.3%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 1.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 280 TTCTCTCTCTCTCTT 296
 Db 18 TTCTCTCTCTCTCTT 2

RESULT 166
 AZ410317/c 19 bp DNA linear GSS 03-OCT-2000
 LOCUS 1M0182L02R Mouse 10kb plasmid UGCM library Mus musculus genomic
 DEFINITION clone UGCM0182L02 R, genomic survey sequence.
 ACCESSION AZ410317
 VERSION AZ410317.1 GI:10534330
 KEYWORDS GSS.

SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Niederhauserm,A., Rose,M., Rose,R., Stokes,R., Tingey,A., von

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00

Plate: 0182 row: L column: 02
 Seq primer: CACACGGAACGCTATGACC
 Class: plasmid ends
 High quality sequence strop: 19.

FEATURES

source

Location/Qualifiers
 1. .19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCM0182L02"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (414732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 1.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Oy 4678 AGGTAACAAGAGCCTG 4694
 Db 19 AGGTGCAAGAGCCTG 3

RESULT 167
 AZ824929/c 19 bp DNA linear GSS 20-FEB-2001
 LOCUS 2M0099P16R Mouse 10kb plasmid UGCM library Mus musculus genomic
 DEFINITION clone UGCM0099P16 R, genomic survey sequence.
 ACCESSION AZ824929
 VERSION AZ824929.1 GI:12994837
 KEYWORDS GSS.

SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Niederhauserm,A., Rose,M., Rose,R., Stokes,R., Tingey,A., von

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0099 row: P column: 16

Seq primer: CACACAGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers

FEATURES

source

1. 19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUC2M0099P16"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UGCM library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMP42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 19;
 Best Local Similarity 88.2%; Pred. No. 1.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Yy 2812 ATGAGAGAGAGAGAG 2828
 Db 18 ATCAGAGAGAGAGTGG 2

RESULT 168

LOCUS

AZ445379 20 bp DNA linear GSS 04-OCT-2000
 DEFINITION 1M0241E07F Mouse 10kb plasmid UGCM library Mus musculus genomic
 clone UGCM0241E07 F, genomic survey sequence.

ACCESSION

AZ445379
 VERSION AZ445379.1 GI:10595142

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

1 (bases 1 to 20)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, R., Rose, R., Stokes, R., Tingey, A., von
 Niederhausen, A., and Wright, D., Weiser, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0241 row: E column: 07
 Seq primer: CGTTGTAAACGACGCCAGT

Class: plasmid ends
 High quality sequence stop: 20.
 Location/Qualifiers

FEATURES

source

1. 20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUC2M0241E07"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UGCM library"
 /note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMP42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 20;
 Best Local Similarity 88.2%; Pred. No. 1.7e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Yy 4156 CTGCTGCTCTCTCTGC 4172
 Db 2 CTCTGCTCTCTCTGC 18

RESULT 169

LOCUS

AZ774829 20 bp DNA linear GSS 16-FEB-2001
 DEFINITION 2M0004D10R Mouse 10kb plasmid UGCM library Mus musculus genomic
 clone UGCM0004D10 R, genomic survey sequence.

ACCESSION

AZ774829
 VERSION AZ774829.1 GI:1290691

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

1 (bases 1 to 20)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, R., Rose, R., Stokes, R., Tingey, A., von
 Niederhausen, A., and Wright, D., Weiser, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0004 row: D column: 10
 Seq primer: CACACAGAAACAGCTATGACC
 Class: plasmid ends

FEATURES
source
High quality sequence stop: 20.
Location/Qualifiers
1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="U062M0004D10"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid U062M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4642 GGCCTAAGAGCTGAA 4658
DB 4 GGACTGAAGAGCTGAA 20
|||||

RESULT 170
BH000478/c 20 bp DNA linear GSS 27-APR-2001
DEFINITION
2M0288C2IF Mouse 10kb plasmid U062M library Mus musculus genomic
clone U062M0288C21 F, genomic survey sequence.
ACCESSION
BH000478
VERSION
BH000478.1 GI:13871704
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)
ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
Dunn, D., Ayagi, A., Barber, M., Beacorn, T., Duval, B., Hami, C.,
Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tinney, A., von
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
CONTACT: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0288 row: C column: 21
Seq primer: CGTTGTAACACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 20.

JOURNAL
COMMENT

FEATURES
source
Location/Qualifiers
1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="U062M0288C21"
/sex="Female"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid U062M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 20;
Best Local Similarity 88.2%; Pred. No. 1.7e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1862 CCAAGAGGACCCCTGA 1878
DB 20 CCAAGAGTCCCCAGA 4
|||||

RESULT 171
TA339H10 20 bp DNA linear GSS 13-DEC-2000
LOCUS
TA339H10
DEFINITION
T. brucei sheared genomic DNA clone 339h11, reverse sequence.
ACCESSION
AL492631
VERSION
AL492631.1 GI:11868814
KEYWORDS
GSS.
SOURCE
Trypanosoma brucei
ORGANISM
Trypanosoma brucei
Eukaryota; Euklenozoa; Kinetoplastida; Trypanosomatidae;
Trypanosoma.
1 (bases 1 to 20)
Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R.,
Chillingworth, C., Ormond, D., Harris, B., El-Sayed, N., Hou, L.,
Melville, S.E., Rajandream, M.A. and Barrett, B.G.
Direct Submission
Submitted (10-DEC-2000) Trypanosoma brucei genome sequencing
project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton,
Cambridge CB10 1SA, E-mail: barrel@sanger.ac.uk and
nhs@sanger.ac.uk
Constructed at the Institute for Genomic Research (TIGR),
Rockville, MD. Genomic DNA isolated from a cloned population of
Trypanosoma brucei (TREU927/4 GUTat 10.1) was mechanically sheared
to give a tight size distribution (4 kb). The v + i method used for the library construction is
described in detail in Smith, H. and Venter, J.C. (Making small
insert libraries for whole genome shotgun sequencing projects. In
Genome Sequencing: A Practical Approach, eds. M. Vaubin and B.
Barrell, Oxford University Press, 1999).
Email: nhs@sanger.ac.uk
Details of T. brucei sequencing at the Sanger Centre are available
at http://www.sanger.ac.uk/Projects/T_brucei/.
Location/Qualifiers

COMMENT

DEFINITION 1M0534G12F Mouse 10kb plasmid UGCGIM library Mus musculus genomic clone UGCGIM0534G12 F, genomic survey sequence.

ACCESSION AZ416392

VERSION AZ657753

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 21)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)

COMMENT Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLG, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0534 row: G column: 12
Seq primer: CGTTGTAACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 21.

FEATURES

source

1. .21
Location/Qualifiers

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGIM0534G12"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 21;
Best Local Similarity 88.2%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1043 AGAGCATCTTAAGCCA 1059
|||||

Db 20 AGAGCAGCTTAAGTCA 4

RESULT 175

AZ416392 26 bp DNA linear GSS 03-OCT-2000

LOCUS

DEFINITION IM0191D07R Mouse 10kb plasmid UGCGIM library Mus musculus genomic

clone UGCGIM0191D07 R, genomic survey sequence.

ACCESSION AZ416392

VERSION AZ416392.1 GI:10540405

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 26)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)

COMMENT Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLG, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0191 row: D column: 07
Seq primer: CACACGAGAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 26.

FEATURES

source

1. .26
Location/Qualifiers

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGIM0191D07"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.8; DB 1; Length 26;
Best Local Similarity 72.0%; Pred. No. 2.5e+02;
Matches 18; Conservative 0; Mismatches 7; Indels 0; Gaps 0;

QY 2817 GAAGGAGTGGAGGAGCTGTGG 2841
|||||

Db 2 GGAGGAGGAGGAGGAGGAGG 26

RESULT 176

BZ765029 26 bp DNA linear GSS 13-MAR-2003

LOCUS

DEFINITION SALK_127976.21.20.x Arabidopsis thaliana TDNA insertion line

Arabidopsis thaliana genomic clone SALK_127976.21.20.x, genomic

Survey sequence.

ACCESSION B2765029
 VERSION B2765029.1 GI:28937582
 KEYWORDS GSS.
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM Arabidopsis thaliana
 Eukaryote; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
 1 (bases 1 to 26)
 Alonso, J.M., Leisse, T.J., Barajas, P., Chen, H., Cheuk, R., Gadirhab, C., Jeske, A., Karnes, M., Kim, C.J., Parker, H., Prednig, L., Shim, P., Zimmerman, J., and Ecker, J.R.
 A Sequence-Indexed Library of Insertion Mutations in the Arabidopsis Genome
 Unpublished (2001)
 Contact: Joseph R. Ecker
 The Salk Institute Genomic Analysis Laboratory (SIGAL)
 The Salk Institute for Biological Studies
 10010 N. Torrey Pines Road, La Jolla, CA 92037, USA
 Tel: 858 453 4100 x1752
 Fax: 858 558 6379
 Email: ecker@salk.edu
 This is single pass sequence recovered from the left border of TDNA.
 Class: TDNA tagged

FEATURES
 source Location/Qualifiers
 1..26
 /organism="Arabidopsis thaliana"
 /mol_type="genomic DNA"
 /ecotype="Col-0"
 /db_xref="taxon:3702"
 /clone="SALK_127976.21.20.x"
 /note="PCR was performed on Arabidopsis thaliana lines each of which contains one or more TDNA insertion elements. The resultant fragment for each line was directly sequenced to determine the genomic sequence at the site of insertion. Details of the protocols used can be found at http://signal.salk.edu/cdna_protocols.html"

Query Match 0.3%; Score 13.8; DB 1; Length 26;
 Best Local Similarity 88.2%; Pred. No. 2.5e+02;
 Matches 15; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4424 TATTATATATATATG 4440
 |||||
 22 TTTTATATATATATG 6

RESULT 177
 LOCUS C0577545 20 bp mRNA linear EST 20-JUL-2004
 DEFINITION TVEST079A09_TV30236_PT cDNA Library Trichomonas vaginalis cDNA 5', mRNA sequence.
 ACCESSION C0577545
 VERSION C0577545.1 GI:50407947
 KEYWORDS EST.
 SOURCE Trichomonas vaginalis
 ORGANISM Trichomonas vaginalis
 Eukaryota; Parabasalia; Trichomonada; Trichomonadida; Trichomonadidae; Trichomonadinae; Trichomonas.
 1 (bases 1 to 20)
 Zhou, Y., Shu, W.M., Huang, S.C.C., Huang, K.Y., and Tang, P.
 Analysis of Gene Expression Profile in Trichomonas vaginalis by EST Sequencing
 Unpublished (2003)
 Contact: Tang, P.
 Molecular Regulation and Bioinformatics Laboratory, College of Medicine
 Chang Gung University
 259 Wenhu 1st. Road, Kweihsan, Taoyuan 333, Taiwan
 Tel: +886 3 3283016 EXT5136

Fax: +886 3 3283031
 Email: petang@mail.cgu.edu.tw
 PCR Primers
 FORWARD: T7
 BACKWARD: T3
 Seq primer: T3.

FEATURES
 source Location/Qualifiers
 1..20
 /organism="Trichomonas vaginalis"
 /mol_type="mRNA"
 /db_xref="taxon:5722"
 /cell_line="ATCC30236"
 /dev_stage="Trophozoites at mid-log phase"
 /lab_host="XLI Blue-MRP"
 /clone_lib="TV30236_PT cDNA Library"
 /note="Vector: Lambda ZAP-Express (Stratagene); Site_1: EcoRI; Site_2: XhoI"

Query Match 0.3%; Score 13.6; DB 1; Length 20;
 Best Local Similarity 80.0%; Pred. No. 1.8e+02;
 Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1590 GTGAAACAGAGAGAGAA 1609
 |||||
 1 GAGGAAAGAGAGAGAGAA 20

RESULT 178
 LOCUS AZ308311 20 bp DNA linear GSS 29-SEP-2000
 DEFINITION 1M0011J12P Mouse 10kb plasmid UGCG1M library Mus musculus genomic clone UGCG1M0011J12 F, genomic survey sequence.
 ACCESSION AZ308311
 VERSION AZ308311.1 GI:10348177
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 20)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingy, A., von Niederhausen, A. and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: dunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0011 row: J column: 12
 Seq primer: CGTGTGTAACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 20.

FEATURES
 source Location/Qualifiers
 1..20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCG1M0011J12"
 /sex="Male"
 /lab_host="E. Coli strain XLI-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCG1M library"
 /note="Vector: PWD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource

(<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (GI4732114|db|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 5001 CTCCTCAGCCTGCTGCTCAG 5020
Db 1 CTCCTCAGCCTGCTGCTCAG 20

RESULT 179
AZ447706/c 20 bp DNA linear GSS 04-OCT-2000
LOCUS 1M0245C06F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
DEFINITION Clone UGCGIM0245C06 F, genomic survey sequence.
ACCESSION AZ447706
VERSION AZ447706.1 GI:10599774
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0245 row: C column: 06
Seq primer: CGTTGTAACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 20.

FEATURES
source Location/Qualifiers

1..20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGIM0245C06"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: pMD42nv. Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(<http://www.jax.org/resources/documents/dnares/>). The DNA

was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (GI4732114|db|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 264 CCCCCCTCTCTCTTCT 283
Db 20 CCACCCCTCTCCCTTTT 1

RESULT 180
AZ626475/c 20 bp DNA linear GSS 13-DEC-2000
LOCUS 1M0466E16R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
DEFINITION Clone UGCGIM0466E16 R, genomic survey sequence.
ACCESSION AZ626475
VERSION AZ626475.1 GI:11748665
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE
AUTHORS Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0466 row: E column: 16
Seq primer: CACACGAAACAGCTATGACC
Class: plasmid ends
High quality sequence stop: 20.

FEATURES
source Location/Qualifiers

1..20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCGIM0466E16"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: pMD42nv. Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 4092 GCTGCCACTGATCGGAGC 4111
Db 20 GCCGCCCTGACCGCAGAC 1

RESULT 181
AZ789903/c 20 bp DNA linear GSS 16-FEB-2001
LOCUS 2M0038F15F Mouse 10kb plasmid UUGCJM library Mus musculus genomic
DEFINITION clone UUGC2M0038F15 F, genomic survey sequence.

ACCESSION AZ789903
VERSION AZ789903.1 GI:12931404
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A., and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)

JOURNAL Contact: Robert B. Weiss
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University of Utah

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Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00
Plate: 0038 row: F column: 15
Seq primer: CGTTGTAAACGACGCGCCAGT
Class: plasmid ends

High quality sequence stop: 20.
Location/Qualifiers

FEATURES
source 1. 20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0038F15"

/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UUGCJM library"
/note="Vector: pMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

Qy 1003 TCCAGCGACTGCAAGCATG 1022
Db 20 TCCAGTGCCTGCAAGATG 1

RESULT 182
AZ835025/c 20 bp DNA linear GSS 20-FEB-2001
LOCUS 2M0129I02F Mouse 10kb plasmid UUGCJM library Mus musculus genomic
DEFINITION clone UUGC2M0129I02 F, genomic survey sequence.

ACCESSION AZ835025
VERSION AZ835025.1 GI:13004933
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A., and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)

JOURNAL Contact: Robert B. Weiss
COMMENT University of Utah Genome Center
University of Utah

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00
Plate: 0129 row: I column: 02
Seq primer: CGTTGTAAACGACGCGCCAGT
Class: plasmid ends

High quality sequence stop: 20.
Location/Qualifiers

FEATURES
source 1. 20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0129I02"

/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UUGCJM library"
/note="Vector: pMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptor complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.6; DB 1; Length 20;
Best Local Similarity 80.0%; Pred. No. 1.8e+02;
Matches 16; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3816 CAAGGAGAGCCCAAGACCC 3835
DB 20 CCAGTGAAGCCCAAGACCC 1

RESULT 183 38 bp DNA linear GSS 04-OCT-2000
AZ479185/c 1M029J11R Mouse 10kb plasmid UGCM library Mus musculus genomic
DEFINITION clone UGCM029J11 R. genomic survey sequence.

ACCESSION AZ479185
VERSION AZ479185.1 GI:10638641

KEYWORDS GSS.
SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 38) Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, D., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb

TITLE Unpublished (2000)
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0299 row: J column: 11
Seq primer: CACACGAGAAACGCTATGAC
Class: Plasmid ends
High quality sequence stop: 38.

FEATURES

source

1. 38
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCM029J11"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UGCM library"
/note="Vector: FMD2nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g1|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.6; DB 1; Length 38;
Best Local Similarity 61.1%; Pred. No. 3e+02;
Matches 22; Conservative 0; Mismatches 14; Indels 0; Gaps 0;

QY 2799 CAGGAGGAGAAATGAGAGAGAGAGAGAGAGAG 2834
DB 37 CAGGAGAGAGAGAGAGAGAGAGAGAGAGAG 2

RESULT 184 44 bp mRNA linear EST 05-DEC-2001
BU001599/c BU001599 MF01SSA cDNA Oryzias latipes cDNA MF01SSA009H08 5',
DEFINITION mRNA sequence.

ACCESSION BU001599
VERSION BU001599.1 GI:17364490

KEYWORDS EST.
SOURCE Oryzias latipes (Japanese medaka)

ORGANISM Oryzias latipes
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Actinopterygii; Neopterygii; Teleostei; Euteleostei; Neoteleostei; Acanthomorpha; Acanthopterygii; Percomorpha; Atherinomorpha; Belontiiformes; Adiantichthyidae; Oryziinae; Oryzias.

REFERENCE 1 (bases 1 to 44) Kohara, Y., Shin, I., Kimura, T., Narita, T., Jindo, T. and Takeda, H.
Medaka EST Project in Takeda's lab
Unpublished (2001)
JOURNAL Contact: Tadao Shin-I
Center For Genetic Resource Information
National Institute of Genetics
111 Yata, Mishima, Shizuoka 411-8540, Japan
Tel: 81-559-81-6856
Fax: 81-559-81-6855
Email: tshin@genes.nig.ac.jp.

FEATURES

source

1. 44
/organism="Oryzias latipes"
/mol_type="mRNA"
/strain="Hd-r"
/db_xref="taxon:8090"
/clone="MF01SSA009H08"
/sex="mixture of female and male"
/tissue_type="whole embryo"
/dev_stage="segmentation stage 20 - 25"
/clone_1lb="MF01SSA cDNA"

Query Match 0.3%; Score 13.6; DB 1; Length 44;
Best Local Similarity 67.9%; Pred. No. 2.7e+02;
Matches 19; Conservative 0; Mismatches 9; Indels 0; Gaps 0;

QY 1593 GAAACGAGAGAGAGAGATCTGCGGA 1620
DB 28 GAGAGAGAGAGAGAGAGCTCTGCGGA 1

RESULT 185 18 bp mRNA linear EST 17-JAN-2002
BM395302 50072-2-8-B01.r1 Chillocat/Turkewitz cDNA (large fraction)
DEFINITION Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION BM395302

VERSION BM395302.1 GI:18195355
 KEYWORDS EST.
 SOURCE Tetrahymena thermophila
 ORGANISM Tetrahymena thermophila
 Eukaryota; Alveolata; Ciliophora; Oligohymenophorea; Hymenostomata; Tetrahymenina; Tetrahymena.

REFERENCE 1 (bases 1 to 18)
 Turkewitz, A.P., Karrer, K.M., Jahn, C., Orías, E., Kirk, K.E., Frankel, J., and Klobutcher, L.
 EST from Tetrahymena thermophila, strain CU428.1, growing cells
 Unpublished (2002)
 CONTACT: Turkewitz AP
 Molecular Genetics and Cell Biology
 University of Chicago
 920 E. 58th Street, Chicago, IL 60637, USA
 Tel: 773 702 4374
 Fax: 773 702 3172
 Email: apturkew@midway.uchicago.edu
 Seq primer: T3.

TITLE Unpublished (2002)
 JOURNAL
 COMMENT

FEATURES
 source
 1..18
 /organism="Tetrahymena thermophila"
 /mol_type="mRNA"
 /strain="CU428.1"
 /db_xref="taxon:5911"
 /clone_1lb="Chilcoat/Turkewitz cDNA (large fraction)"
 /note="Vector: Bluescript 2 SK+; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.3%; Score 13.4; DB 1; Length 18;
 Best Local Similarity 93.3%; Pred. No. 1.5e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4310 TCTGGGTGCCAGCT 4324
 |||||
 1 TCTGGGCCCCCAGCT 15

Db

RESULT 186
 AZ634666/c 19 bp DNA linear GSS 13-DEC-2000
 LOCUS 1M0490P03R Mouse 10kb plasmid UGCLM library Mus musculus genomic
 DEFINITION clone UGCLM0490P03 R, genomic survey sequence.
 ACCESSION AZ634666
 VERSION AZ634666.1 GI:11756856
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Rilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A., and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 Plasmid inserts
 Unpublished (2000)
 CONTACT: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0490 row: P column: 03
 Seq primer: CACACAGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers

FEATURES

source
 1..19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCLM0490P03"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UGCLM library"
 /note="Vector: FMD22nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114|g5|AF12072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.4; DB 1; Length 19;
 Best Local Similarity 93.3%; Pred. No. 1.7e+02;
 Matches 14; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1755 GCCCCCTCCCAAG 1769
 |||||
 19 GCCCCCCCCCCAAG 5

Db

RESULT 187
 AJ666323 20 bp mRNA linear EST 28-JUN-2004
 LOCUS AJ666323 CSEQRAN09 Sus scrofa cDNA clone C0000033_J06, mRNA
 DEFINITION sequence.
 ACCESSION AJ666323
 VERSION AJ666323.1 GI:49350774
 KEYWORDS EST.
 SOURCE Sus scrofa (pig)
 ORGANISM Sus scrofa
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Suina; Suidae; Sus.
 1 (bases 1 to 20)
 Anderson, S.I., Finlayson, H.A., and Archibald, A.J.
 Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle
 Unpublished (2004)
 CONTACT: Anderson SI
 Genomics and Bioinformatics
 Roslin Institute
 Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
 Single pass sequencing. Bases called and trimmed with phred v0.020425.c. Vector identified by cross-match with the -minscore 20 and -mismatch 12 options. Vector: Bluescript II (KS+) R. Site 1: EcoRI R. Site 2: NotI Description: Normalised library constructed from pooled tissue from day 30 placentas. Clones available from UK Centre for Functional Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK, EH25 9PS, www.arkgenomics.org.

TITLE Unpublished (2004)
 JOURNAL
 COMMENT

FEATURES
 source
 1..20
 /organism="Sus scrofa"
 /mol_type="mRNA"
 /db_xref="taxon:9823"
 /clone="C0000033_J06"
 /tissue_type="placenta"

DEFINITION 0071d0.s1 NCI CGAP GC4 Homo sapiens cDNA clone IMAGE:1571635 3' similar to TR:015047 015047 KIAA0339. ;, mRNA sequence.

ACCESSION AA934650

VERSION AA934650.1 GI:3091862

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 19)

AUTHORS NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.

TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index

JOURNAL Unpublished (1997)

COMMENT Contact: Robert Strausberg, Ph.D.
Email: cgaps-remail.nih.gov
Tissue Procurement: Christopher A. Moskaluk, M.D., Ph.D., Michael Emmert-Buck, M.D., Ph.D.
CDNA Library Preparation: M. Bento Soares, Ph.D.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: www-bio.llnl.gov/bdrip/image/image.html

FEATURES

source

Trace considered overall poor quality
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers

1..19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1571635"
/tissue_type="pooled germ cell tumors"
/lab_host="DH10B"
/clone_idb="NCI CGAP GC4"
/note="Vector: pTR73D-Pac (Pharmacia) with a modified polylinker; 1st strand cDNA was prepared from 3 pooled germ cell tumors, and was then primed with a Not I - oligo(dT) primer. Double-stranded cDNA was ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of the modified pTR73 vector. Library is normalized. Library was constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3259 GAGTGGGGCCCTTTGGGC 3276

Db 1 GGGGAGGGCCCTTTGGGC 18

RESULT 191

LOCUS A1149192/c 19 bp mRNA linear EST 28-OCT-1998

DEFINITION qc76d09.x1 Soares, placenta 8c0weeks 2NbHP8c09W Homo sapiens cDNA clone IMAGE:1715537 3' similar to TR:Q39949 Q39949

COMMENT HYDROXYPROLINE-RICH PROTEIN. ; contains element TARI repetitive element ;, mRNA sequence.

ACCESSION A1149192

VERSION A1149192.1 GI:3677661

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 19)

AUTHORS Mammalia; Euteleostomi; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Euteleostomi; Primates; Catarrhini; Homnidae; Homo.

TITLE NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP), Tumor Gene Index

JOURNAL Unpublished (1997)

COMMENT Contact: Robert Strausberg, Ph.D.
Email: cgaps-remail.nih.gov
This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 675 Std Error: 0.00
Seq primer: -40ml3 fwd. ET from Amersham
High quality sequence stop: 1.
Location/Qualifiers

1..19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1715537"
/dev_stage="Two placentae: one from 8 weeks and another from 9 weeks post conception"
/lab_host="DH10B (ampicillin resistant)"
/note="Organ: placenta; Vector: pTR73D (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5' TGTTACCAATCTGAGTGGAGCGCGCGGATTTTCTTTTCTTTT 3'], double-stranded cDNA was size selected, ligated to Eco RI adaptors (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pTR73 vector (Pharmacia). Library constructed by Bento Soares and M. Fatima Bonaldo."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1754 CGCCCCCTCCCAAGAA 1771

Db 18 CCCCCCCCCCCCCCAAAA 1

RESULT 192

LOCUS A1581717 19 bp mRNA linear EST 06-APR-1999

DEFINITION at74d08.x1 Barethead aorta HPRB5 Homo sapiens cDNA clone IMAGE:2128335 3' similar to TR:000599 000599 CON1. ;, mRNA sequence.

ACCESSION A1581717

VERSION A1581717.1 GI:4567614

KEYWORDS EST.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 19)

AUTHORS Mammalia; Euteleostomi; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Euteleostomi; Primates; Catarrhini; Homnidae; Homo.

TITLE 1 (bases 1 to 19)

JOURNAL Hillier, L., Allen, M., Bowles, L., Dubuque, T., Geisels, G., Jost, S., Krizman, D., Kucaba, T., Lacy, M., Le, N., Lennon, G., Marra, M., Martin, J., Moore, B., Schellberg, K., Stepien, M., Tan, F., Theising, B., White, Y., Wylie, T., Waterston, R. and Wilson, R.

COMMENT WashU-NCI Human EST Project
Unpublished (1997)
Contact: Wilson RK
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
Tel: 314 286 1800
Fax: 314 286 1810
Email: est@watson.wustl.edu
This clone is available royalty-free through LLNL ; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Possible reversed clone: similarity on wrong strand
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
Location/Qualifiers

1..19
/organism="Homo sapiens"

```

/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2128335"
/sex="male"
/dev_stage="adult, age 64"
/lab_host="DH10B (phage resistant)"
/clone_lib="Barehead aorta HPLR6"
/notes="Organ: aorta; Vector: pT73D-Pac (Pharmacia) with a
modified polylinker; Site 1: EcoRI; Site 2: NotI; 1st
strand cDNA was primed with a Not I - oligo(dT) primer [5'
TGTTCAGATCTCACTGGAGCGCCGCTTTTCTTTTCTTTTCTTTTCTTTT
3']; double-stranded cDNA was ligated to Eco RI adaptors
[5' AATCGATCGAAC 3' and 5' GTTCGATCGG 3'], digested
with Not I and cloned into the Not I and Eco RI sites of
the modified pT73 vector. Library constructed by Bob
Barehead."

Query Match      0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      257 CCGGGGCCCCCTCTC 274
          |||||
          1 CCGGGGCCCCCCCCCCCC 18

Db

RESULT 193
LOCUS      A1624451      19 bp      mRNA      linear      EST 14-DEC-1999
DEFINITION t829h11.x1 NCI CGAP Pan1 Homo sapiens cDNA clone IMAGE:2230053 3'
            similar to TR:Q39949 Q39949 HYDROXYPROLINE-RICH PROTEIN.; contains
            MER22.tl MSRI repetitive element ;, mRNA sequence.
ACCESSION  A1624451
VERSION    A1624451.1 GI:4649382
KEYWORDS  EST.
SOURCE     Homo sapiens
ORGANISM   Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 19)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgabs-remail.nih.gov
Life Technologies catalog #: 11548-013
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1123 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1
POLYV=No. Location/Qualifiers
          1..19
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="taxon:9606"
            /clone="IMAGE:2230053"
            /issue_type="adenocarcinoma"
            /lab_host="DH10B"
            /clone_lib="NCI CGAP_Pan1"
            /note="Organ: pancreas; Vector: PCMV-SPORT6; Site 1: SalI;
            Site 2: NotI; Cloned unidirectionally. Primer: Oligo dT.
            Average insert size 1.72 kb. Life Technologies catalog #:
            11548-013"

Query Match      0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1754 CGCCCCCTCCCAAGAA 1771
          |||||
          1 CCCCCCCCCCCCCAAAAA 18

Db

RESULT 194
LOCUS      A1635491      19 bp      mRNA      linear      EST 14-DEC-1999
DEFINITION t865g09.x1 NCI CGAP Kid8 Homo sapiens cDNA clone IMAGE:2233504 3'
            similar to TR:Q39949 Q39949 HYDROXYPROLINE-RICH PROTEIN.; contains
            MER22.tl MSRI repetitive element ;, mRNA sequence.
ACCESSION  A1635491
VERSION    A1635491.1 GI:4686821
KEYWORDS  EST.
SOURCE     Homo sapiens
ORGANISM   Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 19)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgabs-remail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
cDNA library preparation: Life Technologies, Inc.
DNA Sequencing by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1494 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
Location/Qualifiers
          1..19
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="taxon:9606"
            /clone="IMAGE:2233504"
            /issue_type="renal cell tumor"
            /lab_host="DH10B"
            /clone_lib="NCI CGAP Kid8"
            /note="Organ: kidney; Vector: PCMV-SPORT6; Site 1: SalI;
            Site 2: NotI; Cloned unidirectionally. Primer: Oligo dT.
            Average insert size 1.2 kb. Life Technologies catalog #:
            11524-014"

Query Match      0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1754 CGCCCCCTCCCAAGAA 1771
          |||||
          1 CCCCCCCCCCCCCAAAAA 18

Db

RESULT 195
LOCUS      CF281784      19 bp      mRNA      linear      EST 14-AUG-2003
DEFINITION 14ETL--08-p18.b1 Rice etiolated leaf plasmid cDNA library (14ETL)
            Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--08-p18,
            mRNA sequence.
ACCESSION  CF281784
VERSION    CF281784.1 GI:33659171
KEYWORDS  EST.
SOURCE     Oryza sativa (japonica cultivar-group)

```

```

Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1754 CGCCCCCTCCCAAGAA 1771
          |||||
          1 CCCCCCCCCCCCCAAAAA 18

Db

RESULT 194
LOCUS      A1635491      19 bp      mRNA      linear      EST 14-DEC-1999
DEFINITION t865g09.x1 NCI CGAP Kid8 Homo sapiens cDNA clone IMAGE:2233504 3'
            similar to TR:Q39949 Q39949 HYDROXYPROLINE-RICH PROTEIN.; contains
            MER22.tl MSRI repetitive element ;, mRNA sequence.
ACCESSION  A1635491
VERSION    A1635491.1 GI:4686821
KEYWORDS  EST.
SOURCE     Homo sapiens
ORGANISM   Homo sapiens (human)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
1 (bases 1 to 19)
NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgabs-remail.nih.gov
Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R.
Emmert-Buck, M.D., Ph.D.
cDNA library preparation: Life Technologies, Inc.
DNA Sequencing by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1494 Std Error: 0.00
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
Location/Qualifiers
          1..19
            /organism="Homo sapiens"
            /mol_type="mRNA"
            /db_xref="taxon:9606"
            /clone="IMAGE:2233504"
            /issue_type="renal cell tumor"
            /lab_host="DH10B"
            /clone_lib="NCI CGAP Kid8"
            /note="Organ: kidney; Vector: PCMV-SPORT6; Site 1: SalI;
            Site 2: NotI; Cloned unidirectionally. Primer: Oligo dT.
            Average insert size 1.2 kb. Life Technologies catalog #:
            11524-014"

Query Match      0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      1754 CGCCCCCTCCCAAGAA 1771
          |||||
          1 CCCCCCCCCCCCCAAAAA 18

Db

RESULT 195
LOCUS      CF281784      19 bp      mRNA      linear      EST 14-AUG-2003
DEFINITION 14ETL--08-p18.b1 Rice etiolated leaf plasmid cDNA library (14ETL)
            Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--08-p18,
            mRNA sequence.
ACCESSION  CF281784
VERSION    CF281784.1 GI:33659171
KEYWORDS  EST.
SOURCE     Oryza sativa (japonica cultivar-group)

```

ORGANISM *Oryza sativa* (japonica cultivar-group)
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Ehrhartoideae; Oryzaceae; *Oryza*.
 REFERENCE 1 (bases 1 to 19)
 Kim, J.-S., Jun, K.-M., Cheong, P.-J., Kim, M.-J., Lee, T.-H., Shin, Y.-C.,
 Song, S.-I., Kim, J.-K., Kim, Y.-K., and Nahm, B.-H.
 Large-scale Sequencing Analysis of Rice ESTs
 Unpublished (2003)
 TITLE JOURNAL
 COMMENT Contact: Nahm B.H.
 Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
 of Bioscience and Bioinformatics, Myongji University
 Yongin, Kyonggi, Korea
 Tel: 82 31 320 6193
 Fax: 82 31 321 6355
 Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
 Location/Qualifiers
 1. 19
 /organism="Oryza sativa (japonica cultivar-group)"
 /mol_type="mRNA"
 /cultivar="Nackdong"
 /db_xref="taxon:39947"
 /clone="14ETL-08-P18"
 /tissue_type="leaf"
 /dev_stage="14 days after germination"
 /lab_host="E. coli DH10B"
 /clone_lib="Rice etiolated leaf plasmid cDNA library
 (14ETL)"
 /note="Vector: PCR4-TOP0; Site 1: EcoRI; mRNA was capped
 with oligoribonucleotides and then used as templates for
 RT-PCR."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
 Best Local Similarity 83.3%; Pred. No. 1.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Oy 1707 GAGCCGCGATGATGACC 1724
 Db 1 GCGCCGCGATGATC 18

RESULT 196
 AZ432757/c 19 bp DNA linear GSS 03-OCT-2000
 LOCUS 1M0218L14F Mouse 10kb plasmid UGCGM library Mus musculus genomic
 DEFINITION clone UGCGM0218L14 F, genomic survey sequence.
 ACCESSION AZ432757
 VERSION AZ432757.1 GI:10556770
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1 (bases 1 to 19)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 TITLE JOURNAL
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0218 row: L column: 14
 Seq primer: CGTGTGAAACGACGCGCAGT
 Class: plasmid ends

FEATURES
 source
 Location/Qualifiers
 1. 19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCGM0218L14"
 /sex="Male"
 /lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCGM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of PMD42 (G14732114[gb]/AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
 Best Local Similarity 83.3%; Pred. No. 1.8e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;
 Oy 269 CCTCTCTCTCTCTCTCTC 286
 Db 19 CCTCTCTCTCTCTCTC 2

RESULT 197
 AZ585367/c 19 bp DNA linear GSS 13-DEC-2000
 LOCUS 1M0390D06R Mouse 10kb plasmid UGCGM library Mus musculus genomic
 DEFINITION clone UGCGM0390D06 R, genomic survey sequence.
 ACCESSION AZ585367
 VERSION AZ585367.1 GI:11707178
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 REFERENCE 1 (bases 1 to 19)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 Unpublished (2000)
 TITLE JOURNAL
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0390 row: D column: 06
 Seq primer: CACACAGAAACGCTATGACCC
 Class: plasmid ends
 High quality sequence step: 19.

FEATURES
source

Location/Qualifiers
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/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCGIM0390D06"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUCGIM library"
/notes="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 2585 TACCAGCAGCATCATGAC 2602
|||||

DB 18 TACCAATATCATCATGAC 1

RESULT 198
AZ596312/c 19 bp DNA linear GSS 13-DEC-2000
LOCUS
DEFINITION IM0409D04R Mouse 10kb plasmid UUCGIM library Mus musculus genomic
clone UUCGIM0409D04 R, genomic survey sequence.

ACCESSION
AZ596312
VERSION
AZ596312.1 GI:11718502

KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)

ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)

REFERENCE
AUTHORS
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamli, C.,
Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts

TITLE
Unpublished (2000)

JOURNAL
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0409 row: D column: 04

Seq primer: CACACGGAACAGCATATGACC
Class: plasmid ends

High quality sequence stop: 19.

FEATURES

Location/Qualifiers

source

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/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCGIM0409D04"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUCGIM library"
/notes="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1060 TCCAGATTATTTAGCA 1077
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DB 19 TTCAATATTTAGCA 2

RESULT 199
AZ771304/c 19 bp DNA linear GSS 16-FEB-2001
LOCUS
DEFINITION IM0573D22F Mouse 10kb plasmid UUCGIM library Mus musculus genomic
clone UUCGIM0573D22 F, genomic survey sequence.

ACCESSION
AZ771304
VERSION
AZ771304.1 GI:12893419

KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)

ORGANISM
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)

REFERENCE
AUTHORS
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamli, C.,
Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts

TITLE
Unpublished (2000)

JOURNAL
COMMENT
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA

Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0573 row: D column: 22

Seq primer: CGTGTAAACAGCAGCGCCAGT
Class: plasmid ends

High quality sequence stop: 19.

FEATURES

source

1. 19

Location/Qualifiers

/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC1M0573D22"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1754 CGCCCCCTCCCAAGAA 1771
DB 18 CCCCCCCCCCCCCAAAA 1

RESULT 200
AZ804026 19 bp DNA linear GSS 16-FEB-2001
LOCUS
DEFINITION 2M064007R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M064007 R, genomic survey sequence.
ACCESSION
VERSION AZ804026
KEYWORDS
SOURCE GSS.
ORGANISM Mus musculus (house mouse)

REFERENCE
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiss, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0064 row: 0 column: 07
Seq primer: CACACAGAAACACCTATGAC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers 1. .19

/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M064007"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.8e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4642 GGCCTAAGAGCTGAAG 4659
DB 1 GGCCTAAGAGACTGAAG 18

RESULT 201
AZ858978 19 bp DNA linear GSS 21-FEB-2001
LOCUS
DEFINITION 2M0164F24F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
clone UUGC2M0164F24 F, genomic survey sequence.
ACCESSION
VERSION AZ858978
KEYWORDS
SOURCE GSS.
ORGANISM Mus musculus (house mouse)

REFERENCE
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiss, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0164 row: F column: 24
Seq primer: CGTTGTAAACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers 1. .19

FEATURES
source 1. .19
/organism="Mus musculus"

FEATURES
source 1. .19
/organism="Mus musculus"
/mol_type="genomic DNA"

/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0164P24"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="mouse 10kb plasmid UUGC1M library"
/note="Vector: FMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114|g14732072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 19;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1664 CCAGCTTCGACGACAGT 1681
DB 18 CCAGCTTCGACGACACAT 1

RESULT 202
LOCUS CL668627 20 bp DNA linear GSS 09-JUL-2004
DEFINITION PRI0158B.B03 - PRI0158B.B21 (20) Note: Recurring String Mixed stage fosmid library of P. pacificus var. California Pristionchus pacificus genomic, genomic survey sequence.

ACCESSION CL668627.1 GI:50164189
KEYWORDS GSS.
SOURCE Pristionchus pacificus
ORGANISM Pristionchus pacificus

REFERENCE 1 (bases 1 to 20)
Srinivasan,J., Otto,G.W., Kahlow,U., Geisler,R. and Sommer,R.J.
AppADB: an Acedb database for the nematode satellite organism Pristionchus pacificus

JOURNAL Nucleic Acids Res. 32 (1), D421-D422 (2004)
COMMENT Contact: Sommer RJ

Evolutionary Biology
Max-Planck-Institute for Developmental Biology
Spemannstr. 37-39, Tuebingen D-72076, Germany
Tel: 00497071601371
Fax: 00497071601498
Email: ralf.sommer@tuebingen.mpg.de
This library was generated at Caltech, Pasadena, USA and end sequenced at Vancouver, Canada.
Seq primer: T7
Class: fosmid ends.

FEATURES
source Location/Qualifiers

1..20
/organism="Pristionchus pacificus"
/mol_type="genomic DNA"
/strain="California"
/db_xref="taxon:54126"
/clone_lib="Mixed stage fosmid library of P. pacificus var. California"
/note="Vector: pBfi60-5 Fosmid vector"

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 821 GGAGGAGGAGGACACAGG 838
DB 3 GGAGGAGGAGGAGGAGG 20

RESULT 203
LOCUS BP966452/C 20 bp mRNA linear EST 23-JAN-2001
DEFINITION 60228706F1 NIH_MGC_95 Homo sapiens cDNA clone IMAGE:4375648 5', mRNA sequence.

ACCESSION BP966452
VERSION BP966452.2 GI:12388052
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE 1 (bases 1 to 20)
NIH-MGC <http://mgc.nci.nih.gov/>.
National Institutes of Health, Mammalian Gene Collection (MGC)
Unpublished (1999)
On Jan 16, 2001 this sequence version replaced gi:1233567.
Contact: Robert Strausberg, Ph.D.
Email: gga@bld-mail.nih.gov

Tissue Procurement: Miklos Palkovits, M.D., Ph.D.
cDNA Library Preparation: Michael J. Brownstein (NHGRI), Shitaki Toshitaki and Piero Carninci (RIKEN)
cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyte Genomics, Inc.
Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: <http://image.llnl.gov>

Plate: LLAM10041 row: d column: 17
High quality sequence stop: 20.

FEATURES
source Location/Qualifiers

1..20
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:4375648"
/tissue_type="hippocampus"
/lab_host="DH10B"
/clone_lib="NIH_MGC_95"
/note="Organ: brain; Vector: pBluescript (modified pBluescript KS+); Site 1: BamHI; Site 2: SalI-XhoI (gtcgag); Oligo-dT primed using primer 5'-TTTTTTTTTTTTTNN-3', size-selected for average insert size 2.5 kb and normalized to 80% 5'. This is a primary library enriched for full-length clones and constructed using the Cap-trapper method (Carninci, in preparation). Library constructed by M. Brownstein (NIH/NHGRI, National Institutes of Health). Note: this is a NIH_MGC library."

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3745 CCGCGCCCGCGCTGCGCT 3762
DB 18 CCGCGACCGACTCCGCT 1

RESULT 204
LOCUS AZ133204/C 20 bp DNA linear GSS 29-SEP-2000
DEFINITION 1M0029P19F Mouse 10kb plasmid UUGC1M library Mus musculus genomic clone UUGC1M0029P19 F, genomic survey sequence.

ACCESSION AZ313204
 VERSION AZ313204.1 GI:10357901
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 REFERENCE Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
 AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiss, R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0029 row: P column: 19
 Seq primer: CGTTGTAACGACGCGCCAGT
 Class: plasmid ends
 High quality sequence stop: 20.
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 1. 20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0029P19"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 1.9e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3965 CCTCCAGCACTCCAGG 3982
 |||||
 Db 19 CCCCAGAACTCCAGG 2

RESULT 205
 AZ398062
 LOCUS AZ398062 20 bp DNA linear GSS 03-OCT-2000
 DEFINITION IM0133M14F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0133M14 F, genomic survey sequence.
 ACCESSION AZ398062

VERSION AZ398062.1 GI:10513134
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 20)
 AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiss, R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0163 row: M column: 14
 Seq primer: CGTTGTAACGACGCGCCAGT
 Class: plasmid ends
 High quality sequence stop: 20.
 FEATURES
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 1. 20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0163M14"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 1.9e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 3967 TCCAGCACTCCAGG 3984
 |||||
 Db 2 TCCAGCACTCCAGG 19

RESULT 206
 AZ436192/c
 LOCUS AZ436192 20 bp DNA linear GSS 03-OCT-2000
 DEFINITION IM0233K14R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0233K14 R, genomic survey sequence.
 ACCESSION AZ436192
 VERSION AZ436192.1 GI:10560205

ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)

REFERENCE
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausem, A. and Wright, D., Weis, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0607 row: 0 column: 20
Seq primer: CGTTGTAAACGACGCCACGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCGM0074007020"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUCGM library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1676 GCAGATGAGACAGCA 1693
Db 20 GCAGTACAGACAGTA 3

RESULT 209
AZ809952 20 bp DNA linear GSS 20-FEB-2001
LOCUS 2M0074007F Mouse 10kb plasmid UUCGM library Mus musculus genomic
DEFINITION clone UUCGM0074007 F, genomic survey sequence.
ACCESSION AZ809952
VERSION AZ809952.1 GI:12976731
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 20)

REFERENCE
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausem, A. and Wright, D., Weis, R.
TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
JOURNAL Unpublished (2000)
COMMENT Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0074 row: 0 column: 07
Seq primer: CGTTGTAAACGACGCCACGT
Class: plasmid ends
High quality sequence stop: 20.
Location/Qualifiers
1. .20
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCGM00740070"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUCGM library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 20;
Best Local Similarity 83.3%; Pred. No. 1.9e+02;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 1756 CCCCCCTCCCAAGACA 1773
Db 1 CCCCCCCCCCAAAAAA 18

RESULT 210
AZ938721/c 20 bp DNA linear GSS 26-APR-2001
LOCUS 2M0197H21F Mouse 10kb plasmid UUCGM library Mus musculus genomic
DEFINITION clone UUCGM0197H21 F, genomic survey sequence.
ACCESSION AZ938721
VERSION AZ938721.1 GI:13798760
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE 1 (bases 1 to 20)
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0197 row: H column: 21
 Seq primer: CGTTGTAAACGACGCGCCACT
 Class: plasmid ends
 High quality sequence stop: 20.
 Location/Qualifiers
 1..20
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCM0197H21"
 /sex="Female"
 /lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCM library"
 /note="Vector: PMD42nv. Purified genomic DNA from M. musculus C57BL/6J (female) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (G14732114|bp|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptor complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.3%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 1.9e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 263 CCCCCCTCTCTCTT 280
 |||||
 18 CCCCCCTCTCTCTT 1

RESULT 211
 LOCUS AJ593450
 DEFINITION Arabidopsis thaliana T-DNA flanking sequence, left border, clone 380F06, genomic survey sequence.
 ACCESSION AJ593450
 VERSION AJ593450.1 GI:37943074
 KEYWORDS GSS; left border; T-DNA flanking sequence.
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;

REFERENCE 1
 AUTHORS Brunaud,V., Balzergue,S., Dubreucq,B., Aubourg,S., Samson,F., Chauvin,S., Bechthold,N., Cruaud,C., DeRose,R., Pelletier,G., Lepoint,L., Caboche,M. and Lecharny,A.
 TITLE T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
 JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)
 MEDLINE 22363535
 PUBMED 12446565
 REFERENCE 2 (bases 1 to 20)
 AUTHORS Balzergue,S.
 TITLE Direct Submission
 JOURNAL Submitted (23-OCT-2003) Balzergue S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE
 COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (<http://www.genoplante.com> and <http://genoplante-info.infobiogen.fr>).
 Location/Qualifiers
 1..20
 /organism="Arabidopsis thaliana"
 /mol_type="genomic DNA"
 /cultivar="MassillaWekiJa"
 /db_xref="taxon:3702"
 /clone="380F06"
 /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
 /note="T-DNA flanking sequence
 left border"

misc_feature 1..20 T-DNA flanking sequence
 /note="T-DNA flanking sequence
 left border"

Query Match 0.3%; Score 13.2; DB 1; Length 20;
 Best Local Similarity 83.3%; Pred. No. 1.9e+02;
 Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 325 CGCAGCTCAGTTTCCTT 342
 |||||
 3 CGTGTCTAGTTTCATTT 20

RESULT 212
 LOCUS AZ652627
 DEFINITION 1M0525K24R Mouse 10kb plasmid UGCM library Mus musculus genomic clone UGCM0525K24 R, genomic survey sequence.
 ACCESSION AZ652627
 VERSION AZ652627.1 GI:11789331
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 22)
 AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausern,A. and Wright,D.,Weiss,R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606

Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0525 row: K column: 24
Seq primer: CACACAGGAAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 22.
Location/Qualifiers

FEATURES
source

1. 22
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGGCM0525K24"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UGGCM library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match

Best Local Similarity 0.3%; Score 13.2; DB 1; Length 22;
Matches 15; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 263 CCCCCCTCTCTCTT 280

Db 4 CCCCCCTCTCTCTT 21

RESULT 213
AZ387862/c 36 bp DNA linear GSS 02-OCT-2000
LOCUS 1M0147M2R Mouse 10kb plasmid UGGCM library Mus musculus genomic
DEFINITION
ACCESSION AZ387862 GI:10501570
VERSION
KEYWORDS
SOURCE
ORGANISM
MUS musculus (house mouse)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 36)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Irlam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Rilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A., and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah
University of Utah Genome Center
Km. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0147 row: M column: 22
Seq primer: CACACAGGAAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 36.
Location/Qualifiers

FEATURES
source

1. 36
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGGCM0147M22"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UGGCM library"
/note="Vector: PWD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PWD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match

Best Local Similarity 61.8%; Pred. No. 3.1e+02;
Matches 21; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

QY 2801 GGAAGGAGAAATGAGAGAGAGAGAGAGAGAG 2834

Db 35 GGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAG 2

RESULT 214
AV673727/c 39 bp mRNA linear EST 05-OCT-2000
LOCUS AV673727 Nori Satoh unpublished cDNA library Clona intestinalis
DEFINITION
ACCESSION AV673727 GI:10111726
VERSION
KEYWORDS
SOURCE
ORGANISM
Clona intestinalis
Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea; Enterogona; Phlebobranchia; Cloniidae; Clona.
1 (bases 1 to 39)
Satoh, N., Satou, Y., Kohara, Y., and Shin-I, T.
Expressed genes in Clona intestinalis
Unpublished (2000)
Contact: Nori Satoh
Department of Zoology
Kyoto University
Sakyo-ku, Kyoto, Kyoto 606-8502, Japan
Tel: 81-75-753-4081
Fax: 81-75-705-1113
Email: satoh@scidian.zool.kyoto-u.ac.jp.
Location/Qualifiers

FEATURES
source

1. 39
/organism="Clona intestinalis"
/mol_type="mRNA"
/db_xref="taxon:7719"

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Query Match      0.3%; Score 13.2; DB 1; Length 39;
Best Local Similarity 61.8%; Pred. No. 3e+02;
Matches 21; Conservative 0; Mismatches 13; Indels 0; Gaps 0;

Cy       2802 GAAGGAGAAATGAAGAAGAGTACGGGAGC 2835
           ||| | | | | | | | | | | | | | | | | | | | |
Db       34 GAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGAGC 1

/cclone="c1b1510"
/tissue_type="whole animal"
/dev_stage="tailbud"
/clone_lib="Nori Satoh unpublished cDNA library"

RESULT 215
A2345792/c A2345792/c

DEFINITION     19 bp DNA linear GSS 29-SEP-2000
LOCUS          1M008G12R Mouse 10kb plasmid UUC1M library Mus musculus genomic
cloned clone UUC1M008012 R, genomic survey sequence.

ACCESSION      A2345792
VERSION        A2345792.1 GI:10425029
KEYWORDS       GSS.

SOURCE         Mus musculus
ORGANISM       Mus musculus (house mouse)
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Scurionathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tinney,A., von
Niederhausen,A. and Wright D., Weise,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT
84112, USA
Tel.: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert length: 1000 Std. Error: 0.00
Plate: 0080 row: C column: 12
Seq primer: CACACAGAAAACGTCTAGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUC1M008012"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUC1M library"
/vector="PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnarses/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PMD42 [gi14732114|gb|AF129072.1], a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to

```

```

Query Match          0.2%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1754 CGCCCCCTTCCC 1766
Db 19 CGCCCCCTTCCC 7

RESULT 216
AJ587895/c
LOCUS
DEFINITION
Arabidopsis thaliana T-DNA flanking sequence, left border, clone
337H03, genomic survey sequence.
ACCESSION
AJ587895
VERSION
AJ587895.1 GI:37937519
KEYWORDS
GSS; left border; T-DNA flanking sequence.
SOURCE
Arabidopsis thaliana (thale cress)
ORGANISM
Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
REFERENCE
1
Brunaud,V., Balergue,S., Dubreucq,B., Aubourg,S., Samson,F.,
Chauvin,S., Bechtold,N., Craud,C., Dehose,R., Pelletier,G.,
Lepoint,C., Caboche,M. and Leclercq,A.
T-DNA integration into the Arabidopsis genome depends on sequences
of pre-insertion sites
EMBO Rep. 3 (12), 1152-1157 (2002)
JOURNAL
MEDLINE
22363535
PUBMED
12446565
REFERENCE
2 (bases 1 to 19)
Balergue,S.
Direct Submision
Submitted (23-OCT-2003) Balergue S., UMRGV, INRA/CNRS, 2 rue
Gaeton Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (http://www.genoplante.com and
http://genoplante-info.inbiolegen.fr).
COMMENT
location/Qualifiers
source
1. .19
/organism="Arabidopsis thaliana"
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/cultivar="wassiljewskija"
/db_xref="taxon:3702"
/clone="337H03"
/clone_lib="Arabidopsis thaliana T-DNA insertion lines"
1. .19
/note="T-DNA flanking sequence
left border"
FEATURES
source
1. .19
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="wassiljewskija"
/db_xref="taxon:3702"
/clone="337H03"
/clone_lib="Arabidopsis thaliana T-DNA insertion lines"
1. .19
/note="T-DNA flanking sequence
left border"
Query Match          0.2%; Score 13; DB 1; Length 19;
Best Local Similarity 100.0%; Pred. No. 1.9e+02;
Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 2165 AAACCAAACTAT 2177
Db 13 AAACCAAACTAT 1

RESULT 217

```

CF302285/c 20 bp mRNA linear EST 15-AUG-2003
 LOCUS 7LEAF--07-K06.g1 Rice leaf cDNA library II (7LEAF) Oryza
 DEFINITION sativa (japonica cultivar-group) cDNA clone 7LEAF--07-K06, mRNA
 sequence.
 ACCESSION CF302285
 VERSION CF302285
 KEYWORDS EST.
 SOURCE Oryza sativa (japonica cultivar-group)
 ORGANISM Oryza sativa (japonica cultivar-group)
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
 Ehrhartoideae; Oryzaceae; Oryza.
 REFERENCE 1 (bases 1 to 20)
 AUTHORS Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
 Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
 TITLE Large-scale Sequencing Analysis of Rice ESTs
 JOURNAL Unpublished (2003)
 COMMENT Contact: Nahm B.H.
 Genomics and Genetics Institute, Greengene Biotech Inc., Division
 of Bioscience and Bioinformatics, Myongji University
 Yongin, Kyeonggi, Korea
 Tel: 82 31 320 6193
 Fax: 82 31 321 6355
 Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
 Location/Qualifiers
 1..20
 /organism="Oryza sativa (japonica cultivar-group)"
 /mol_type="mRNA"
 /cultivar="Nackdong"
 /db_xref="taxon:39947"
 /clone="7LEAF--07-K06"
 /tissue_type="leaf"
 /dev_stage="7 days after germination"
 /lab_host="E.coli DH10B"
 /clone_1lb="Rice leaf plasmid cDNA library II (7LEAF)"
 /note="Vector: PCR4-TOPO; Site 1: EcoRI; mRNA was capped
 with oligoribonucleotides and then used as templates for
 RT-PCR."

Query Match 0.2%; Score 13; DB 1; Length 20;
 Best Local Similarity 100.0%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 3947 GAGCCCGCGCGTG 3959
 Db 17 GAGCCCGCGCGTG 5

RESULT 218
 LOCUS A1073810 40 bp mRNA linear EST 06-AUG-1998
 DEFINITION oy69d05.x1 NCI CGAP CLL1 Homo sapiens cDNA clone IMAGE:1671081 3'
 similar to TR:000145 000145 SH2 CONTAINING INOSITOL-5-PHOSPHATASE.
 ; mRNA sequence.
 ACCESSION A1073810
 VERSION A1073810
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens (human)
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 REFERENCE 1 (bases 1 to 40)
 AUTHORS NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
 TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
 Tumor Gene Index
 JOURNAL Unpublished (1997)
 COMMENT Contact: Robert Strausberg, Ph.D.
 Email: cgaps-remail.nih.gov
 Tissue Procurement: Ash Alizadeh, John Byrd, M.D., Mike Grever,
 M.D., Louis M. Staudt, M.D., Ph.D.
 cDNA Library Preparation: M. Bento Soares, Ph.D.
 cDNA Library Arrayed by: Greg Lennon, Ph.D.

DNA Sequencing by: Washington University Genome Sequencing Center
 Clone distribution: NCI-CGAP clone distribution information can be
 found through the I.M.A.G.E. Consortium/LLNL at:
 www.bio.llnl.gov/dbdp/image/image.html

Trace considered overall poor quality
 Seq primer: -40ml3 fwd. RT from Amersham
 High quality sequence stop: 1.
 Location/Qualifiers
 1..40
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:1671081"
 /tissue_type="B-cell", chronic lymphocytic leukemia"
 /lab_host="DH10B"
 /clone_1lb="NCI CGAP CLL1"
 /note="Vector: pT73D-Pac (Pharmacia) with a modified
 polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA
 was primed with a Not I - oligo(dT) primer (5'
 T 3'); double-stranded cDNA was ligated to Eco RI
 adaptors (Pharmacia), digested with Not I and cloned into
 the Not I and Eco RI sites of the modified pT73 vector.
 Library is normalized, and was constructed by Bento
 Soares and M.Fatima Bonaldo."

Query Match 0.2%; Score 13; DB 1; Length 40;
 Best Local Similarity 65.5%; Pred. No. 2.9e+02;
 Matches 19; Conservative 0; Mismatches 10; Indels 0; Gaps 0;

QY 3357 GACTCCCGCTGGCGCCCTGCAGCGGAGA 3385
 Db 1 GACTTCCTTCCTGTCTGTCATGGGTGA 29

RESULT 219
 LOCUS B0591682 16 bp mRNA linear EST 06-DEC-2002
 DEFINITION B012616-024-017-A01-SP6 MP12-ADIS-024-storage root Beta vulgaris
 cDNA clone 024-017-A01 5-PRIME, mRNA sequence.
 ACCESSION B0591682
 VERSION B0591682
 KEYWORDS EST.
 SOURCE Beta vulgaris
 ORGANISM Beta vulgaris
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
 Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
 Caryophyllales; Amaranthaceae; Beta.
 REFERENCE 1 (bases 1 to 16)
 AUTHORS Herwig,R., Schulz,B., Weishaar,B., Hennig,S., Steinfath,M.,
 Drungowski,M., Stahl,D., Wruck,W., Menze,A., O'Brien,D., Lehnach,H.
 and Radloff,U.
 TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
 fingerprinting allows access to 25 000 potential sugar beet genes
 JOURNAL MEDLINE
 PUBMED 22362189
 COMMENT Contact: Weishaar B
 ADIS DNA core facility for Plant Breeding Research
 Max-Planck-Institute for Plant Breeding Research
 Carl-von-Linne Weg 10, 50829 Koeln, Germany
 Fax: 00492215062851
 Email: weishaar@mplz-koeln.mpg.de
 Insert length: 16 Std Error: 0.00
 Plate: 17 row: A column: 01
 Seg primer: SP6: CATACGATTTCAGTGACACACTATAG.
 Location/Qualifiers
 1..16
 /organism="Beta vulgaris"
 /mol_type="mRNA"
 /cultivar="KWS2320 (double haploid, monogerm breeding
 line)"

```

/db_xref="GABI:189437"
/db_xref="taxon:161934"
/clone="024-017-A01"
/issue_type="storage root"
/lab_host="EMDH10B"
/clone_lib="MP12-ADIS-024-storage root"
/notes="Vector: PCWSPORT6; Site 1: Sali; Site 2: No1;
cDNA library from sugar beet, library provided by KMS
Kleinanzleberer Saatgut AG Einbeck, Germany, contact:
b.schulze@kms.de; cloning sites Sali-No1, primer sites and
orientation:
Sali-Sali-CCACCGCTCCG-Sprime-cDNA-polyA-CC-No1-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
RZPD/GABI-Primary database: http://gabi.rzpd.de"

Query Match      0.2%; Score 12.8; DB 1; Length 16;
Best Local Similarity 87.5%; Pred. No. 1.4e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      5223 ATTCGATGATGAG 5238
Db      1 ATTCTGATGAG 16

RESULT 220
CA853355      18 bp  mRNA  linear  EST 01-AUG-2003
LOCUS      B07C12.5eq cDNA Peking library 12hr SCN3 glycine max cDNA clone
DEFINITION      B07C12.5', mRNA sequence.
ACCESSION      CA853355
VERSION      CA853355.1 GI:33390148
KEYWORDS      EST.
SOURCE      glycine max (soybean)
ORGANISM      Glycyne max (Soybean)
REFERENCE      Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
AUTHORS      Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
TITLE      rosids; eurosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae;
JOURNAL      Glycine.
COMMENT      1 (bases 1 to 18)
Alkharouf, N.W., Khan, R. and Matthews, B.F.
Analysis of expressed sequence tags from roots of resistant soybean
infected by the soybean cyst nematode
Unpublished (2002)
Contact: Alkharouf, N.W.
Soybean Genomics and Improvement Laboratory (SGIL)
US Department of Agriculture (USDA), ARS, PSI
Bldg. 006, Rm 118, 10300 Baltimore Ave., Beltsville, MD 20705-2350,
USA
Tel: 301 504 5750
Fax: 301 504 5728
Email: alkharouf@ars.usda.gov.

FEATURES
source
1..18
/organism="Glycine max"
/mol_type="mRNA"
/cultivar="Peking"
/db_xref="taxon:3847"
/clone="B07C12"
/tissue_type="Roots"
/dev_stage="Seedling"
/clone_lib="cDNA Peking library 12hr SCN3"
/notes="Vector: pBluescript SK-; cDNA clones from mRNA
extracted from roots of soybean cv. Peking 12 hrs after
infection by SCN race 3. These are cloned in pBluescript
SK- phagemid."

Query Match      0.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 82.4%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY      5018 CAGGAGGCTGCGCTC 5034

```

```

Db      18 CAGGAGGCTGCTC 2

RESULT 221
CR555236      18 bp  mRNA  linear  EST 12-JUL-2004
LOCUS      CR555236
DEFINITION      DKFP468N1017_r1_468 (synonym: phrt1) Pongo pygmaeus cDNA clone
ACCESSION      DKFP468N1017.5', mRNA sequence.
VERSION      CR555236
KEYWORDS      CR555236.1 GI:50245165
SOURCE      EST.
ORGANISM      Pongo pygmaeus (orangutan)
REFERENCE      Pongo pygmaeus
AUTHORS      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
TITLE      Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Pongo.
JOURNAL      1 (bases 1 to 18)
Bloecker, H., Boecker, M., Brandt, P., Mewes, H.W., Weill, B., Amld, C.,
Oesanger, A., Fobo, G., Han, M. and Wiemann, S.
Pongo pygmaeus mRNA (Bloecker, H., Boecker, M., Brandt, P., et al.)
Unpublished (2004)
Contact: MIPS

MIPS
Ingolstaedter Landstr.1, D-85764 Neuherberg, Germany
This is the 5' sequence of the clone insert from S. Wiemann,
Molecular Genome Analysis, German Cancer Research Center (DKFZ);
Email s.wiemann@kfz-heidelberg.de; sequenced by GBF (National
Research Centre for Biotechnology Ltd., Braunschweig/Germany)
within the cDNA sequencing consortium of the German Genome Project.
This clone (DKFP468N1017) is available at the RZPD in Berlin.
Please contact the RZPD: Ressourcenzentrum, Heubnerweg 6, 14059
Berlin-Charlottenburg, GERMANY; Email: clone@rzpd.de further
information about the clone and the sequencing project is available
at http://mips.gsf.de/projects/cdna/.

FEATURES
source
1..18
/organism="Pongo pygmaeus"
/mol_type="mRNA"
/db_xref="taxon:9600"
/clone="DKFP468N1017"
/tissue_type="heart"
/dev_stage="adult"
/lab_host="DH10B"
/clone_lib="468 (synonym: phrt1)"
/notes="Vector: pSPORT1_Sfi; Site_1: Sfi1A; Site_2: Sfi1B"
location/Qualifiers

Query Match      0.2%; Score 12.8; DB 1; Length 18;
Best Local Similarity 87.5%; Pred. No. 1.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      3449 AAACGGGCTGCTCCT 3464
Db      2 AAATCGGGCTCCT 17

RESULT 222
AA954509      19 bp  mRNA  linear  EST 23-JUN-1998
LOCUS      on81d05.g1 Soares NFL_T_GBC_S1 Homo sapiens cDNA clone
DEFINITION      IMAGE:1563081 3' similar to TR:Q24035 Q24035 ENA POLYPEPTIDE.
ACCESSION      AA954509
VERSION      AA954509.1 GI:3118204
KEYWORDS      EST.
SOURCE      Homo sapiens (human)
ORGANISM      Homo sapiens
REFERENCE      Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
AUTHORS      Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
TITLE      NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
JOURNAL      National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Unpublished (1997)

```

COMMENT

Contact: Robert Strausberg, Ph.D.
Email: cgabs-remail.nih.gov
This clone is available royalty-free through LNL; contact the IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality
Insert Length: 754 Std Error: 0.00
Seq primer: -40m13 fwd. RT from Amersham
High quality sequence stop: 1.
Location/Qualifiers

FEATURES

source

1. .19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1563081"
/lab_host="DH10B"
/clone_lib="Soares_NFL_T_GBC_S1"
/note="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; Equal amounts of plasmid DNA from three normalized libraries (fetal lung NBH19w, testis NHT, and B-cell NCI-CGAP GCBI) were mixed, and ss circles were made in vitro. Following HAP purification, this DNA was used as tracer in a subtractive hybridization reaction. The driver was PCR-amplified cDNAs from pools of 5,000 clones made from the same 3 libraries. The pools consisted of I.M.A.G.E. clones 297480-302087, 682632-687239, 726408-728711, and 729096-731399. Subtraction by Bento Soares and M. Fatima Bonaldo."

Query Match

Best Local Similarity 87.5%; Pred. No. 2e+02; Length 19;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

3844 CCCAGGCCCGGTGCC 3859
|||||
1 CCCAGGCCCGGGGGC 16

Db

1 CCCAGGCCCGGGGGC 16

RESULT 223
AA954509/c
LOCUS

AA954509 19 bp mRNA linear EST 23-JUN-1998
081405.81 Soares NFL T GBC S1 Homo sapiens cDNA clone
IMAGE:1563081 3; Similar to TR:Q24035 Q24035 ENA POLYPEPTIDE.
;contains element MSRI repetitive element ;, mRNA sequence.

ACCESSION
VERSION
KEYWORDS

AA954509
AA954509.1 GI:3118204
EST.

SOURCE

Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1 (bases 1 to 19)
NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index

JOURNAL

Unpublished (1997)

Contact: Robert Strausberg, Ph.D.
Email: cgabs-remail.nih.gov

This clone is available royalty-free through LNL; contact the
IMAGE Consortium (info@image.llnl.gov) for further information.
Trace considered overall poor quality

Insert Length: 754 Std Error: 0.00
Seq primer: -40m13 fwd. RT from Amersham
High quality sequence stop: 1.
Location/Qualifiers

1. .19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1563081"
/lab_host="DH10B"
/clone_lib="Soares_NFL_T_GBC_S1"
/note="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with

FEATURES
source

1. .19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:1563081"
/lab_host="DH10B"
/clone_lib="Soares_NFL_T_GBC_S1"
/note="Organ: pooled; Vector: pT7T3D-Pac (Pharmacia) with

a modified polylinker; Site 1: Not I; Site 2: Eco RI;
Equal amounts of plasmid DNA from three normalized
libraries (fetal lung NBH19w, testis NHT, and B-cell
NCI-CGAP GCBI) were mixed, and ss circles were made in
vitro. Following HAP purification, this DNA was used as
tracer in a subtractive hybridization reaction. The driver
was PCR-amplified cDNAs from pools of 5,000 clones made
from the same 3 libraries. The pools consisted of
I.M.A.G.E. clones 297480-302087, 682632-687239,
726408-728711, and 729096-731399. Subtraction by Bento
Soares and M. Fatima Bonaldo."

Query Match

Best Local Similarity 87.5%; Pred. No. 2e+02; Length 19;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

4040 GGGGCCACCGAGGCT 4055
|||||
19 GGGGCCCGGGGGCT 4

Db

19 GGGGCCCGGGGGCT 4

RESULT 224
C00981
LOCUS

C00981 19 bp mRNA linear EST 31-DEC-2002
HUMGS0003370 Human adult (K.Okubo) Homo sapiens cDNA, mRNA
sequence.

ACCESSION
VERSION
KEYWORDS

C00981
C00981.1 GI:1433211
EST.

SOURCE

Homo sapiens (human)
Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.
1 (bases 1 to 19)
BodyMap; human gene expression database
Unpublished (1995)

REFERENCE

Okubo, K.
BodyMap; human gene expression database
Unpublished (1995)

JOURNAL

Contact: Okubo, K.
Institute for Molecular and Cellular Biol
Osaka University
1-3, Yamada-Oka, Suita, Osaka Pref. 565, Japan
Tel: 06-877-5111(ex.3315)

Email: kouakueimb.osaka-u.ac.jp
We are not submitting the same cDNA sequence redundantly to DDBJ
since 1993. For the abundance information of clones with this
sequence in this library and as well as in other 3-directed
libraries, see ' <http://www.imcb.osaka-u.ac.jp/bodymap>'. The
sequences of the clones represented by this GS sequences is also
found there.

FEATURES

Location/Qualifiers

source

1. .19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/dev_stage="adult"
/clone_lib="Human adult (K.Okubo)"
/note="One or more human adult tissue"

Query Match

Best Local Similarity 87.5%; Pred. No. 2e+02; Length 19;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY

441 CCTCGCTCCCTCGG 456
|||||
4 CCTCTGCTCCCTCTG 19

Db

4 CCTCTGCTCCCTCTG 19

RESULT 225
C0792214/c
LOCUS

C0792214 19 bp mRNA linear EST 05-AUG-2004
NT014C A10 Sc18-22 Neural tube (N7) Ambystoma mexicanum cDNA 5'
similar to hypothetical protein, mRNA sequence.

ACCESSION
C0792214


```

VERSION      CO792214.1  GI:51008185
KEYWORDS     EST.
SOURCE       Ambystoma mexicanum (exolotl)
ORGANISM     Ambystoma mexicanum
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Amphibia; Batrachia; Caudata; Salamandroidae; Ambystomatidae;
              Ambystoma.
REFERENCE    1 (bases 1 to 19)
AUTHORS      Habermann, B., Behn, A.G., Herklotz, S., Volkmer, M., Eckelt, K.,
              Penhke, K., Epperlein, H.H., Schaeckert, H.K., Wiebe, G. and Tanaka, E.M.
              An Ambystoma mexicanum EST sequencing project: Analysis of 17,352
              expressed sequence tags from embryonic and regenerating blastema
              cDNA libraries
              Genome Biol. (2004) In press
JOURNAL      Contact: Billy M. Tanaka
COMMENT      Tanaka lab
              Max Planck Institute of Molecular Cell Biology and Genetics,
              Dresden
              Pfortenhauerstrasse 108, 01307 Dresden, Germany
              Tel: 0049 351 210 2620
              Fax: 0049 351 210 1489
              Email: tanaka@mpi-cbg.de
              Place: NT014C row: 10 column: A
              Seq primer: GCA CAT TAG GCC TAT TTA GGT GAC A.
              Location/Qualifiers
                1..19
                /organism="Ambystoma mexicanum"
                /mol_type="mRNA"
                /db_xref="taxon:8296"
                /tissue_type="Neural Tube, Notochord, Somites"
                /cell_type="Includes Neural tube, notochord, somites"
                /dev_stage="Stage 18-22"
                /clone_lib="Sc18-22 Neural tube (NT)"
                /note="Vector: pCMVSPORT6; Site 1: NotI; Site 2: SalI;
                Unnormalized cDNA plasmid library prepared by Invitrogen.
                Size fractionated mRNA was polydt primed and cloned into
                NotI-SalI site of pCMVSPORT6. Bacterial host is
                EMDH10B-TONA. Average insert size is 1.5 kb.
                TAG_LTB=NT"

```

```

Query Match      0.2%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      4121 CGGCGTGAAGCCACTG 4136
Db      19 CGGCGTGAAGCTCTTG 4

```

```

RESULT 226
AZ307686/c      19 bp  DNA  linear  GSS 28-SEP-2000
LOCUS          1M0009805R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
DEFINITION     clone UGCGIM0009805 R, genomic survey sequence.
ACCESSION      AZ307686
VERSION        AZ307686.1 GI:10346924
KEYWORDS       GSS.
SOURCE         Mus musculus (house mouse)
ORGANISM       Mus musculus
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
              1 (bases 1 to 19)
REFERENCE      Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
              Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
              Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
              Niederhausern, A. and Wright, D., Weis, R.
              Mouse whole genome scaffolding with paired end reads from 10kb
              plasmid inserts
              Unpublished (2000)
JOURNAL        Contact: Robert B. Weiss
COMMENT        University of Utah Genome Center
              Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT

```

```

84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0009 row: B column: 05
Seq primer: CACACGAGAACGACTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
  1..19
  /organism="Mus musculus"
  /mol_type="genomic DNA"
  /strain="C57BL/6J"
  /db_xref="taxon:10090"
  /clone="UGCGIM009805"
  /sex="Male"
  /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
  /clone_lib="Mouse 10kb plasmid UGCGIM library"
  /note="Vector: PMD42nv; Purified genomic DNA from M.
  musculus C57BL/6J (male) was obtained from the Jackson
  Laboratory Mouse DNA Resource
  (http://www.jax.org/resources/documents/dnares/). The DNA
  was hydrodynamically sheared by repeated passage through a
  0.005 inch orifice at constant velocity. The sheared DNA
  was blunt end-repaired with T4 DNA polymerase and T4
  polynucleotide kinase. Adaptor oligonucleotides were
  ligated to the blunt ends in high molar excess. The
  adaptor DNA was purified and size-selected for a 9.5 to
  10.5 kb range using preparative agarose gel
  electrophoresis. Vector DNA was prepared from a derivative
  of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
  inducible derivative of plasmid R1. The vector was ligated
  with adaptors complementary to the insert adaptors and
  purified. The sheared, adaptor mouse DNA was annealed to
  adaptor vector DNA, and transformed into
  chemically-competent E. coli XL10-Gold (Stratagene) cells
  and selected for ampicillin resistance."

```

```

Query Match      0.2%; Score 12.8; DB 1; Length 19;
Best Local Similarity 87.5%; Pred. No. 2e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY      3080 GGGCAAGACGAGGAG 3095
Db      19 GGGCAAGATGAGGAG 4

```

```

RESULT 227
AZ761834      19 bp  DNA  linear  GSS 16-FEB-2001
LOCUS          1M055619F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
DEFINITION     clone UGCGIM055619 F, genomic survey sequence.
ACCESSION      AZ761834
VERSION        AZ761834.1 GI:12871174
KEYWORDS       GSS.
SOURCE         Mus musculus (house mouse)
ORGANISM       Mus musculus
              Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
              Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
              1 (bases 1 to 19)
REFERENCE      Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
              Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
              Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
              Niederhausern, A. and Wright, D., Weis, R.
              Mouse whole genome scaffolding with paired end reads from 10kb
              plasmid inserts
              Unpublished (2000)
JOURNAL        Contact: Robert B. Weiss
COMMENT        University of Utah Genome Center
              Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT
              84112, USA

```


Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0556 row: E column: 19
 Seq primer: CTTGTGTAACGACGCCACT
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers

FEATURES

source

1.19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UIGC1M0556R19"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UGICM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g1473214|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.8; DB 1; Length 19;
 Best Local Similarity 87.5%; Pred. No. 2e+02; Indels 0; Gaps 0;
 Matches 14; Conservative 0; Mismatches 2;

Qy 2072 GGGAGCGGTGGGGTG 2087
 Db 1 GGGCGCGGTGGGGTG 16

RESULT 228
 CL683526 19 bp DNA linear GSS 09-JUL-2004
 LOCUS PRI0137a_F08_2 - PRI0137a.BR (19) Mixed stage fosmid library of P. pacificus var. California Pristionchus pacificus genomic survey sequence.
 DEFINITION CL683526
 CL683526.1 GI:50191279
 GSS.
 Pristionchus pacificus
 Pristionchus pacificus
 Eukaryota; Metazoa; Nematoda; Chromadorea; Diplogasterida;
 Neodiplogasteridae; Pristionchus.
 1 (bases 1 to 19)
 Stintvaasen, J., Otto, G.W., Kahlow, U., Geisler, R. and Sommer, R.J.
 AppaB: an Acedb database for the nematode satellite organism
 Pristionchus pacificus
 Nucleic Acids Res. 32 (1), D421-D422 (2004)
 Contact: Sommer RJ
 Evolutionary Biology
 Max-Planck-Institute for Developmental Biology
 Spemannstr. 37-39, Tuebingen D-72076, Germany
 Tel: 00497071601371
 Fax: 00497071601498
 Email: ralf.sommer@tuebingen.mpg.de
 This library was generated at Caltech, Pasadena, USA and end

sequenced at Vancouver, Canada.
 Seq primer: T7
 Class: fosmid ends
 Location/Qualifiers

FEATURES

source

1.19
 /organism="Pristionchus pacificus"
 /mol_type="genomic DNA"
 /strain="California"
 /db_xref="taxon:54126"
 /clone_1lb="Mixed stage fosmid library of P. pacificus var. California"
 /note="Vector: pBplfos-5 Fosmid vector"

Query Match 0.2%; Score 12.8; DB 1; Length 19;
 Best Local Similarity 87.5%; Pred. No. 2e+02; Indels 0; Gaps 0;
 Matches 14; Conservative 0; Mismatches 2;

Qy 920 CTGTGAGCCAGAG 935
 Db 16 CTATGAGCAAGAG 1

RESULT 229
 AZ805923 24 bp DNA linear GSS 20-FEB-2001
 LOCUS AZ805923/c
 DEFINITION 2M067N05R Mouse 10kb plasmid UGICM library Mus musculus genomic clone UGICM0067N05 R, genomic survey sequence.
 ACCESSION AZ805923
 VERSION AZ805923.1 GI:1296734
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus

REFERENCE
 AUTHORS Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiss, R.
 Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
 Unpublished (2000)

JOURNAL
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0067 row: N column: 05
 Seq primer: CACACAGAAACGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 24.
 Location/Qualifiers

FEATURES

source

1.24
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UIGC2M0067N05"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1lb="Mouse 10kb plasmid UGICM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.8; DB 1; Length 24;
Best Local Similarity 87.5%; Pred. No. 2.8e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4190 GCTTGTCTTTCAGG 4205
DB 18 GCTAGTCTTTCAGG 3

RESULT 230
LOCUS A2321269 26 bp DNA linear GSS 29-SEP-2000
DEFINITION 1M0041A23R Mouse 10kb plasmid UGCG1M library Mus musculus genomic
ACCESSION clone UGCG1M0041A23 R, genomic survey sequence.
VERSION A2321269
KEYWORDS A2321269.1 GI:10373879
SOURCE GSS.
ORGANISM Mus musculus (house mouse)

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
AUTHORS 1 (bases 1 to 26)
Dunn, D., Ayagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tinney, A., von Niederhuesern, A. and Wright, D., Weis, R.

JOURNAL Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
COMMENT Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
RM. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

FEATURES
source
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0041 row: A column: 23
Seq primer: CACACGAAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 26.
Location/Qualifiers
1..26
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG1M0041A23"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UGCG1M library"
/note="Vector: pMD42n; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent *E. coli* XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.8; DB 1; Length 26;
Best Local Similarity 87.5%; Pred. No. 3e+02;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 5027 TGGGCTCTTGTCC 5042
DB 3 TGGGCTCTTGTCC 18

RESULT 231
LOCUS AJ802263 36 bp mRNA linear EST 11-AUG-2004
DEFINITION AJ802263 Antirrhinum majus whole plant Antirrhinum majus cDNA clone
ACCESSION 018_5_03_112, mRNA sequence.
VERSION AJ802263
KEYWORDS AJ802263.1 GI:51117591
SOURCE EST.
ORGANISM Antirrhinum majus (snapdragon)
Antirrhinum majus
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; asterids; lamiales; Lamiales; Plantaginaceae; Antirrhineae; Antirrhinum.

REFERENCE 1 (bases 1 to 36)
Zachgo, S., Stueber, K., Saedler, H., Sommer, H. and Schwarz-Sommer, Z.
AUTHORS Antirrhinum EST collection
JOURNAL Unpublished (2003)
COMMENT Contact: Schwarz-Sommer Z
Molekulare Pflanzen-genetik
MPI fuer Zuechtungs-forschung
Carl-von-Linne Weg 10, D-50829, Germany.

FEATURES
source
1..36
/organism="Antirrhinum majus"
/mol_type="mRNA"
/db_xref="taxon:4151"
/clone="018_5_03_112"
/tissue_type="whole plant"
/clone_1ib="Antirrhinum majus whole plant"

Query Match 0.2%; Score 12.8; DB 1; Length 36;
Best Local Similarity 62.5%; Pred. No. 3.2e+02;
Matches 20; Conservative 0; Mismatches 12; Indels 0; Gaps 0;

QY 2802 GAGGAGAAATGAGAGAGAGGCGCA 2833
DB 5 GAGGAGAGAGAGAGAGAGAGAGGCGCA 36

RESULT 232
LOCUS AA909236 19 bp mRNA linear EST 09-JUN-1998
DEFINITION 0108a11.61 Soares_NFL_T_GBC_S1 Homo sapiens cDNA clone
IMAGE:1522844 3, similar to SW:EXIN_DAUCA P06559 EXTENSIN
PRECURSOR.; mRNA sequence.
ACCESSION AA909236
VERSION AA909236.1 GI:3048641
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

/note="Organ: lung; Vector: pT73D (Pharmacia) with a modified polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA was primed with a Not I - oligo(dT) primer [5'-TGTTACCATCTGAGTGGACGGCCGCAATTTTCTTTT-3'], double-stranded cDNA was size selected, ligated to Eco RI adapters (Pharmacia), digested with Not I and cloned into the Not I and Eco RI sites of a modified pT73 vector (Pharmacia). Library went through one round of normalization to a Cot = 5. Library constructed by Benito Soares and M. Fatima Bonaldi. This library was constructed from the same fetus as the fetal heart library, Soares fetal heart NDH19W."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2,1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4587 GGAGGGGTGAAGCATTAA 4605
DB 19 GGAGGGGTGAAGCATTAA 1

RESULT 235
LOCUS A1443363 19 bp mRNA linear EST 23-JUL-2004
DEFINITION sa31a08.x1 Gm-c1004 Glycine max cDNA clone GENOME SYSTEMS CLONE ID:
Gm-c1004-879 3' similar to WP:R2D1.2 CE17246 ;, mRNA sequence.
ACCESSION A1443363
VERSION A1443363.1 GI:4302646

KEYWORDS EST.
SOURCE Glycine max (soybean)
ORGANISM Glycine max

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eustosids I; Fabales; Fabaceae; Papilionoideae; Phaseoleae; Glycine.

1 (bases 1 to 19)

Shoemaker, R., Keim, P., Vodkin, L., Erpelding, J., Coryell, V., Khanna, A., Bolla, B., Marra, M., Hillier, L., Kucaba, T., Martin, J., Beck, C., Wylie, T., Underwood, K., Stepien, M., Theising, B., Allen, M., Bowers, Y., Peterson, B., Swaller, T., Gibbons, M., Pepe, D., Harvey, N., Schurk, R., Ritter, E., Kohn, S., Shin, T., Jackson, Y., Cardenas, M., McCanm, R., Waterston, R. and Wilson, R.
Public Soybean EST Project
Unpublished (1999)

OTHER ESTS: sa31a08.y1
Contact: Shoemaker R./Public Soybean EST Project
Public Soybean EST Project
Washington University School of Medicine
4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108, USA
Tel: 314 286 1800
Fax: 314 286 1810

Email: est@wustl.edu

When it has been determined, an EST from the other end of this clone is listed in the 'Other ESTs on clone' field. Other ESTs:

sa31a08.y1 Trace considered overall poor quality Possible reversed

Biogenetic Services, 801 32nd Ave. Brookings, SD 57006 USA (phone: 800 423 4163; email: info@biogeneticservices.com)
Insert Length: 1580 Std Error: 0.00
Seq primer: -40UP from Gtbco
High quality sequence stop: 1
POLYA=NO.

Location/Qualifiers

1. 19
/organism="Glycine max"
/mol_type="mRNA"
/cultivar="Williams"
/db_xref="taxon:3847"
/clone="GENOME SYSTEMS CLONE ID: Gm-c1004-879"
/issue_type="root"
/lab_host="X10-Gold"
/clone_lib="Gm-c1004"

/note="Vector: pBluescript II XR; Site 1: EcoRI; Site 2: XhoI; Root cDNA. The mRNA was isolated from entire roots of 8 day old 'Williams' seedlings which were propagated on paper towels with distilled water. Stratagene's cDNA Synthesis Kit (catalog #200401) was used to synthesize the cDNA. First-strand synthesis was performed with 5-methyl dCTP, hence the ligated cDNA is hemimethylated. Stratagene's first-strand synthesis primer was used [GAGGAGAGAGAGAGAGAACTGCTCGAG(T)-18]. After second-strand synthesis, the cDNA ends were 'polished' with clone Pfu DNA polymerase, ligated to EcoRI adapters, and phosphorylated. The XhoI site within the first-strand synthesis primer was restricted by digestion with XhoI; all XhoI sites in the cDNA would be protected by their hemimethylated status. The cDNA constructs were size-fractionated with a 500bp cutoff, using GbcoRFL Life Technologies' cDNA Size Fractionation column. The column eluent was then ligated into Stratagene's pBluescript II XR Predigested vector (pBluescript II SK(+)) that had been digested with EcoRI and XhoI, and phosphorylated). Both the white and blue colonies appear to contain recombinant plasmids with cDNA inserts. Blue colonies 9a-15) have been sequenced, and possess putative cDNA inserts. This library was constructed by Dr. Paul Keim & Virginia H. Coryell, Department of Biology, Box5640, Northern Arizona University, Flagstaff, AZ 86011, Phone: 520-523-1078 (Dr. Paul Keim), 520-523-1372 (Virginia H. Coryell), Fax: 520-523-7500, email: paul.keim@nau.edu, virginia.coryell@nau.edu"

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2,1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1752 AACGCCCCCCCCCAAGA 1770
DB 1 ACCCCCCCCCCCAAAA 19

RESULT 236
LOCUS A1683556/c 19 bp mRNA linear EST 16-DEC-1999
DEFINITION tx67h08.x1 NCI_CGAP Uci Homo sapiens cDNA clone IMAGE:2274687 3'
similar to TR:O24099 O24099 MTN12 ;, mRNA sequence.
ACCESSION A1683556
VERSION A1683556.1 GI:4893738

KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

NCI-CGAP <http://www.ncbi.nlm.nih.gov/ncicgap>.
National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index

Unpublished (1997)
Contact: Robert Strausberg, Ph.D.
Email: cgapbs-remail.nih.gov

Tissue Procurement: Christopher Moskaluk, M.D., Ph.D., Michael R. Emmert-Buck, M.D., Ph.D.
cDNA Library Preparation: Life Technologies, Inc.
cDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
Clone distribution: NCI-CGAP clone distribution information can be found through the I.M.A.G.E. Consortium/LNL at:
www-bio.lnl.gov/bbrp/image/image.html

Trace considered overall poor quality
Insert Length: 1385 Std Error: 0.00
Seq primer: -40UP from Gtbco
High quality sequence stop: 1.
Location/Qualifiers

1. 19
/organism="Homo sapiens"
/mol_type="mRNA"
/cultivar="Williams"
/db_xref="taxon:3847"
/clone="GENOME SYSTEMS CLONE ID: Gm-c1004-879"
/issue_type="root"
/lab_host="X10-Gold"
/clone_lib="Gm-c1004"

/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2274687"
/tissue_type="well-differentiated endometrial adenocarcinoma, 7 pooled tumors"
/lab_host="DH10B"
/clone_lib="NCI CGAP UC1"
/note="Organ: uterus; Vector: PCMV-SPORT6; Site_1: SalI; Site_2: NotI; Cloned unidirectionally. Primer: oligo dt. Average insert size 1.75 kb. Life Technologies catalog #: 11538-014"

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2833 AGCTGCTGTGAAGTTTG 2851
DB 19 AGGAGCTGTGAGAGTGTG 1

RESULT 237
BM396331 19 bp mRNA linear EST 17-JAN-2002
LOCUS 5009-0-2-E02.t.1 Chilcoat/Turkewitz cDNA (large fraction)
DEFINITION Tetrahymena thermophila cDNA, mRNA sequence.
ACCESSION BM396331
VERSION BM396331.1 GI:18196384
KEYWORDS EST.
SOURCE Tetrahymena thermophila
ORGANISM Tetrahymena thermophila
Eukaryota; Alveolata; Ciliophora; Oligohymenophorea; Hymenostomatida; Tetrahymenina; Tetrahymena.
1 (bases 1 to 19)
Turkewitz, A.P., Karer, K.M., Jahn, C., Orias, E., Kirk, K.E., Frankel, J., and Klobutcher, L.
EST from Tetrahymena thermophila, strain CU428.1, growing cells
Unpublished (2002)
Contact: Turkewitz AP
Molecular Genetics and Cell Biology
University of Chicago
920 E. 58th Street, Chicago, IL 60637, USA
Tel: 773 702 4374
Fax: 773 702 3172
Email: apturkew@midway.uchicago.edu
Seq primer: T3.

FEATURES

source 1.19
Location/Qualifiers
/organism="Tetrahymena thermophila"
/mol_type="mRNA"
/strain="CU428.1"
/db_xref="taxon:5911"
/clone_lib="Chilcoat/Turkewitz cDNA (large fraction)"
/note="Vector: Bluescript2 SK-; Details on library preparation can be found in Chilcoat and Turkewitz (2001) Proc. Natl. Acad. Sci USA, 98: 8709-8713."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3354 AAGAGTCCCGCTGGGCGC 3372
DB 1 AATGATCATCCGCGGTGGC 19

RESULT 238
CF282240 19 bp mRNA linear EST 14-AUG-2003
LOCUS CF282240
DEFINITION 14ETL--09-K13.g1 Rice etiolated leaf plasmid cDNA library (14ETL)
Oryza sativa (japonica cultivar-group) cDNA clone 14ETL--09-K13, mRNA sequence.

ACCESSION CF282240
VERSION CF282240.1 GI:33659627
KEYWORDS EST.
SOURCE Oryza sativa (japonica cultivar-group)
ORGANISM Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzaceae; Oryza.
1 (bases 1 to 19)
Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C., Song, S.I., Kim, J.K., Kim, Y.-K., and Nahm, B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, Myongji University
Yongin, Kyonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.

FEATURES

source 1.19
Location/Qualifiers
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39847"
/clone="14ETL--09-K13"
/tissue_type="leaf"
/dev_stage="14 days after germination"
/lab_host="E.coli DH10B"
/clone_lib="Rice etiolated leaf plasmid cDNA library (14ETL)"
/note="Vector: pCR4-TOPO; Site_1: EcoRI; mRNA was capped with oligoribonucleotides and then used as templates for RT-PCR."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1748 GGGTAAGCCCGCTGCC 1766
DB 1 GGGGAGACCCCGCCCCC 19

RESULT 239
AZ315293 19 bp DNA linear GSS 29-SEP-2000
LOCUS 1M0032P20F Mouse 10kb plasmid UGCM library Mus musculus genomic
DEFINITION clone UGCM0032P20 F, genomic survey sequence.
ACCESSION AZ315293
VERSION AZ315293.1 GI:10362003
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacom, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., and Wright, D., Weiss, R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu

Seq primer: CGTTGTAACGACGCCACT
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers

FEATURES
source

1.19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCLM008004"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UGCLM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2164 GAACCAAACTATATGA 2182
Db 1 GAAACAAACACATTAA 19

RESULT 242
AZ406101/c

LOCUS 19 bp DNA linear GSS 03-OCT-2000
DEFINITION 1M017501F Mouse 10kb plasmid UGCLM library Mus musculus genomic
clone UGCLM017501 F, genomic survey sequence.

ACCESSION AZ406101
VERSION AZ406101.1 GI:10530114
KEYWORDS GSS.

SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE 1 (bases 1 to 19)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D., Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts

TITLE Unpublished (2000)
JOURNAL Contact: Robert B. Weiss
COMMENT University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0155 row: N column: 21
Seq primer: CACACAGAAACGACGACGAC

Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers

FEATURES
source

1.19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCLM0155N21"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1lb="Mouse 10kb plasmid UGCLM library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 688 AAGATGATAATTCAGTGT 706
Db 1 AAATGAGAAATGCACTCT 19

RESULT 243
AZ406101/c

LOCUS 19 bp DNA linear GSS 03-OCT-2000
DEFINITION 1M017501F Mouse 10kb plasmid UGCLM library Mus musculus genomic
clone UGCLM017501 F, genomic survey sequence.

ACCESSION AZ406101
VERSION AZ406101.1 GI:10530114
KEYWORDS GSS.

SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus

REFERENCE 1 (bases 1 to 19)
AUTHORS Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmud,M., Meenen,E., Pedersen,T.,
Reilly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D., Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts

TITLE Unpublished (2000)
JOURNAL Contact: Robert B. Weiss
COMMENT University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0175 row: O column: 11
Seq primer: CGTTGTAACGACGCCACT

Class: plasmid ends

FEATURES High quality sequence stop: 19.

source

Location/Qualifiers
1. 19
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/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUCG1M0175011"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UUCG1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114|g9|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4280 AAAAAGCACACCAACG 4298
19 AAAAGCACACCAACG 1

Db 19 AAAAGCACACCAACG 1

RESULT 244

AZ476180 19 bp DNA linear GSS 04-OCT-2000
LOCUS IM0294F16R Mouse 10kb plasmid UUCG1M library Mus musculus genomic
DEFINITION clone UUCG1M0294F16 R, genomic survey sequence.
ACCESSION AZ476180
VERSION AZ476180.1 GI:106534305

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)

COMMENT Contact: Robert B. Weiss

University of Utah Genome Center

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0294 row: F column: 16

Seq primer: CACACAGAAACGCTATGACC

Class: plasmid ends

High quality sequence stop: 19.

FEATURES Location/Qualifiers

source

1. 19
/organism="Mus musculus"
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/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_1ib="Mouse 10kb plasmid UUCG1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (g14732114|g9|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4412 AGATATATATATATATAT 4430
1 ATATATTAATACTATTAAT 19

Db 1 ATATATTAATACTATTAAT 19

RESULT 245

AZ486152 19 bp DNA linear GSS 05-OCT-2000
LOCUS IM0314A04F Mouse 10kb plasmid UUCG1M library Mus musculus genomic
DEFINITION clone UUCG1M0314A04 F, genomic survey sequence.
ACCESSION AZ486152
VERSION AZ486152.1 GI:10652646

KEYWORDS GSS.

SOURCE Mus musculus (house mouse)

ORGANISM Mus musculus

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus. 1 (bases 1 to 19)
AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weis, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)

COMMENT Contact: Robert B. Weiss

University of Utah Genome Center

Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA

Tel: 801 585 5606

Fax: 801 585 7177

Email: ddunn@genetics.utah.edu

Insert Length: 10000 Std Error: 0.00

Plate: 0314 row: A column: 04

Seq primer: CCGTCTAAACGACGCCACGT

Class: plasmid ends

High quality sequence stop: 19.

FEATURES Location/Qualifiers

source

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/organism="Mus musculus"
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGC1M library"
/notes="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

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Query Match 0.2%; Score 12.6; DB 1; Length 19;
 Best Local Similarity 78.9%; Pred. No. 2.1e+02;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 661 TTACTACTACAGATTCT 679
 ||||| ||||| |||||
 Db 1 TATACATACATATTTCT 19

RESULT 246
 A2500608 19 bp DNA linear GSS 05-OCT-2000
 LOCUS IM0319L05F Mouse 10kb plasmid UGC1M library Mus musculus genomic
 DEFINITION clone UGC1M0319L05 F, genomic survey sequence.

ACCESSION A2500608.1 GI:10680591
 VERSION GSS.

KEYWORDS Mus musculus (house mouse)
 SOURCE Mus musculus

ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 19) Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0339 row: 1, column: 05
 Seq primer: CATTGTAAACGACGCCACG
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers
 1. .19

FEATURES
 source

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/db_xref="taxon:10090"
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/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGC1M library"
/notes="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

```

Query Match 0.2%; Score 12.6; DB 1; Length 19;
 Best Local Similarity 78.9%; Pred. No. 2.1e+02;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 270 CTCTCTCTCTTCTCTCTC 288
 ||||| ||||| |||||
 Db 1 CTCTATCATGCTCTCTC 19

RESULT 247
 A2509071 19 bp DNA linear GSS 05-OCT-2000
 LOCUS IM0315A21R Mouse 10kb plasmid UGC1M library Mus musculus genomic
 DEFINITION clone UGC1M0315A21 R, genomic survey sequence.

ACCESSION A2509071
 VERSION GSS.

KEYWORDS Mus musculus (house mouse)
 SOURCE Mus musculus

ORGANISM Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 19) Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmood, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausen, A. and Wright, D., Weiss, R.

TITLE Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts

JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0351 row: A column: 21
 Seq primer: CACACAGGAACACATGAC
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers
 1. .19

FEATURES
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/organism="Mus musculus"

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 /clone="UUCGCM0351A21"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1ib="Mouse 10kb plasmid UUCGCM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
 Best Local Similarity 78.9%; Pred. No. 2.1e+02;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 364 TGCTGCGACGACGCGAGC 402
 1 TGCTGCGACGACGCGAGC 19

RESULT 248
 AZ588155/c 19 bp DNA linear GSS 13-DEC-2000
 LOCUS 1M0396110F Mouse 10kb plasmid UUCGCM library Mus musculus genomic
 DEFINITION clone UUCGCM0396110 F, genomic survey sequence.

ACCESSION AZ588155.1 GI:11710261
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

Mus musculus (house mouse)
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0396 row: 1 column: 10
 Seq primer: CGTGTAAACGACGCGCCAGT
 Class: plasmid ends
 High quality sequence stop: 19.

FEATURES
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 /organism="Mus musculus"
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 /strain="C57BL/6J"

/strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUCGCM0396110"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
 /clone_1ib="Mouse 10kb plasmid UUCGCM library"
 /note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g14732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
 Best Local Similarity 78.9%; Pred. No. 2.1e+02;
 Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
 QY 3418 TATCACCCAGAGGTTTT 3436
 19 TATCACCCAGAGGTTTT 1

RESULT 249
 AZ771560/c 19 bp DNA linear GSS 16-FEB-2001
 LOCUS 1M0574A03F Mouse 10kb plasmid UUCGCM library Mus musculus genomic
 DEFINITION clone UUCGCM0574A03 F, genomic survey sequence.

ACCESSION AZ771560.1 GI:12894145
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

Mus musculus (house mouse)
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C., Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A. and Wright, D., Weiss, R.

REFERENCE
 AUTHORS
 TITLE
 JOURNAL
 COMMENT
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0574 row: A column: 03
 Seq primer: CGTGTAAACGACGCGCCAGT
 Class: plasmid ends
 High quality sequence stop: 19.

FEATURES
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 /strain="C57BL/6J"

/db_xref="taxon:10090"
/clone="UUGC1M0574A03"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g1[4732114]gb[AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 3480 TCAAGGCCAGTACCTGG 3498
|||||
19 TCAAGATGACGACCTGG 1

Db

RESULT 250
AZ8782384 19 bp DNA linear GSS 16-FEB-2001
LOCUS 2M0022109R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC2M0022109 R, genomic survey sequence.
ACCESSION AZ8782384
VERSION AZ8782384.1 GI:12916052
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Rellly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausen,A. and Wright,D.,Weiss,R.
Niederhausen,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Km. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0022 row: 1 column: 09
Seq primer: CACACAGAAACACCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
1..19
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/db_xref="taxon:10090"

FEATURES
source

/clone="UUGC2M0022109"
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/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UUGC1M library"
/note="Vector: PMD42nv; Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adapted DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of PMD42 (g1[4732114]gb[AF129072.1], a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adapted mouse DNA was annealed to adapted vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4422 AATATTATTAATTAATG 4440
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1 AATGTTACTATTAATG 19

Db

RESULT 251
AZ807034 19 bp DNA linear GSS 20-FEB-2001
LOCUS 2M0069B05R Mouse 10kb plasmid UUGC1M library Mus musculus genomic
DEFINITION clone UUGC2M0069B05 R, genomic survey sequence.
ACCESSION AZ807034
VERSION AZ807034.1 GI:12970979
KEYWORDS GSS.
SOURCE Mus musculus (house mouse)
ORGANISM Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C., Islam,H., Longacre,S., Mahmoud,M., Meenen,E., Pedersen,T., Rellly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von Niederhausen,A. and Wright,D.,Weiss,R.
Niederhausen,A. and Wright,D.,Weiss,R.
Mouse whole genome scaffolding with paired end reads from 10kb plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Km. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT 84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0069 row: B column: 05
Seq primer: CACACAGAAACACCTATGACC
Class: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
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FEATURES
source

/lab host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UGCGM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (GI4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1387 CCTCCCTATCCTCCAGT 1405

DB 19 CCTCCCTCTCTCACT 1

RESULT 252
AZ809734/c 19 bp DNA linear GSS 20-FEB-2001
LOCUS
DEFINITION
2M0073D19R Mouse 10kb plasmid UGCGM library Mus musculus genomic
clone UGCG2M0073D19 R, genomic survey sequence.

ACCESSION
AZ809734
VERSION
AZ809734.1 GI:12976296
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)
ORGANISM

REFERENCE
AUTHORS
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamill, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT
Contact: Robert B. Weis

University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0073 row: D column: 19
Seq primer: CACACAGAAACAGCATATGACC
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
Location/Qualifiers

1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG2M0073D19"
/sex="Male"

/lab host="E. coli strain XL10-Gold, T1-resistant, F-"
/clone lib="Mouse 10kb plasmid UGCGM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (GI4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

1188 ACCCTCCATCCTCGAGT 1206

DB 19 ACCCTCTATCTGGGT 1

RESULT 253
AZ819620/c 19 bp DNA linear GSS 20-FEB-2001
LOCUS
DEFINITION
2M0091A23F Mouse 10kb plasmid UGCGM library Mus musculus genomic
clone UGCG2M0091A23 F, genomic survey sequence.

ACCESSION
AZ819620
VERSION
AZ819620.1 GI:12989528
KEYWORDS
GSS.
SOURCE
Mus musculus (house mouse)
ORGANISM

REFERENCE
AUTHORS
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamill, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausern, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)

JOURNAL
COMMENT
Contact: Robert B. Weis

University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177

Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0091 row: A column: 23
Seq primer: CGTTGTAAACAGCAGCGCAGT
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
Location/Qualifiers

1..19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGCG2M0091A23"
/sex="Male"
/lab_host="E. coli strain XL10-Gold, T1-resistant, F-"

/note="Vector: PMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 3788 GGGCGGGGGGGGGGGGGG 3806
Db 19 GGGCGGGGGGGGGGGGGG 1

RESULT 254
AZ833421/c 19 bp DNA linear GSS 20-FEB-2001
LOCUS 2M0115C06R Mouse 10kb plasmid UOCC1M library Mus musculus genomic
DEFINITION
Accession
Version
Keywords
Source
Organism
GSS:
Mus musculus (house mouse)
Mus musculus
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus;
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, B., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tinney, A., von
Niederhausen, A. and Wright, D., Weis, R.
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., STC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0115 row: C column: 06
Seq primer: CACACGAAACAGCTATGACC
Clase: plasmid ends
High quality sequence stop: 19.
Location/Qualifiers
1. 19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UOCC2M0115C06"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
/clone_1id="Mouse 10kb plasmid UOCC1M library"

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

FEATURES

source

1. 19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UOCC2M0115C06"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
/clone_1id="Mouse 10kb plasmid UOCC1M library"

/note="Vector: PMD42nv, Purified genomic DNA from M. musculus C57BL/6J (male) was obtained from the Jackson Laboratory Mouse DNA Resource (<http://www.jax.org/resources/documents/dnares/>). The DNA was hydrodynamically sheared by repeated passage through a 0.005 inch orifice at constant velocity. The sheared DNA was blunt end-repaired with T4 DNA polymerase and T4 polynucleotide kinase. Adaptor oligonucleotides were ligated to the blunt ends in high molar excess. The adaptor DNA was purified and size-selected for a 9.5 to 10.5 kb range using preparative agarose gel electrophoresis. Vector DNA was prepared from a derivative of pMD42 (gi|4732114|gb|AF129072.1), a copy-number inducible derivative of plasmid R1. The vector was ligated with adaptors complementary to the insert adaptors and purified. The sheared, adaptor mouse DNA was annealed to adaptor vector DNA, and transformed into chemically-competent E. coli XL10-Gold (Stratagene) cells and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;
Qy 5117 ATAGATGGTGGATGCTTT 5135
Db 19 ATGATGTGTGAGTTCAAT 1

RESULT 255
AJ594227/c 19 bp DNA linear GSS 15-JAN-2004
LOCUS Arabidopsis thaliana T-DNA flanking sequence, left border, clone
DEFINITION
Accession
Version
Keywords
Source
Organism
GSS:
Arabidopsis thaliana (thale cress)
Arabidopsis thaliana
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eustosids II; Brassicales; Brassicaceae; Arabidopsis.
1
Brunaud, V., Balzerque, S., Dubreucq, B., Aubourg, S., Samson, F.,
Chauvin, S., Bechtold, N., Criau, C., Derose, R., Pelletier, G.,
Lepoint, L., Caboche, M. and Leclercq, A.
T-DNA integration into the Arabidopsis genome depends on sequences
of pre-insertion sites
EMBO Rep. 3 (12), 1152-1157 (2002)
22363535
MEDLINE
2246565
2 (bases 1 to 19)
Balzerque, S.
Direct Submision
Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue
Gaston Cremieux, 91057 Evry cedex, FRANCE
PCR was performed on DNA from transformants of Arabidopsis thaliana
plants from INRA (Versailles). The DNA fragment(s) resulting from
the PCR were directly sequenced from the left or the right border
to determine the genomic sequence flanking the insertion. T-DNA
derived sequences were removed. Information to order the
corresponding mutant line and a link to a database providing a
graphical display of the insertion site are available at
<http://dbsgap.versailles.inra.fr/publicatnes/>. This sequence has
been generated in the framework of the French plant genomics
program 'Genoplante' (<http://www.genoplante.com> and
<http://genoplante-info.infobiogen.fr>).
Location/Qualifiers
1. 19
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="MassillaewskiJa"
/db_xref="taxon:3702"

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

FEATURES

source

1. 19
/organism="Arabidopsis thaliana"
/mol_type="genomic DNA"
/cultivar="MassillaewskiJa"
/db_xref="taxon:3702"

misc_feature

/clone="3946058"
/clone_lib="Arabidopsis thaliana T-DNA insertion lines"
1. 19
/note="T-DNA flanking sequence
left border"

Query Match 0.2%; Score 12.6; DB 1; Length 19;
Best Local Similarity 78.9%; Pred. No. 2.1e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4421 TAAATTAATTAATTAAT 4439
19 TAAATTAATTAATTAAT 1

Db 19 TAAATTAATTAATTAAT 1

RESULT 256

CF339443

LOCUS CF339443 20 bp mRNA linear EST 18-AUG-2003
DEFINITION RCL1--04-003.g1 Regenerated callus lambda phage cDNA library (RCL1)
Oryza sativa (japonica cultivar-group) cDNA clone RCL1--04-003,
mRNA sequence.

ACCESSION CF339443

VERSION CF339443.1 GI:33827271

KEYWORDS EST.

SOURCE Oryza sativa (japonica cultivar-group)

ORGANISM Oryza sativa (japonica cultivar-group)
Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Eriactoidae; Oryzaceae; Oryza.

REFERENCE 1 (bases 1 to 20)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Namh,B.H.

TITLE Large-scale Sequencing Analysis of Rice ESTs

JOURNAL Unpublished (2003)

COMMENT Contact: Namh,B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc.; Division
of Bioscience and Bioinformatics, Myongji University

Yongin, Kyonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355

Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.

Location/Qualifiers

1. 20
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="RCL1--04-003"
/tissue_type="callus"
/dev_stage="proliferated callus on 2N6 media for 30 days"
/lab_host="E.coli SOLR"
/clone_lib="Regenerated callus lambda phage cDNA library
(RCL1)"
/note="Vector: pBluescript SK(+); Site_1: SctI; Site_2:
XhoI; cDNA was inserted into lambda Uni-ZAP XR vector at 5'
end with SctI and 3' end with XhoI site. Callus was
induced on 2N6 media for 30 days and cultured for 36hrs on
regenerated media"

FEATURES

source

Query Match 0.2%; Score 12.6; DB 1; Length 20;
Best Local Similarity 78.9%; Pred. No. 2.2e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 217 GCGCGGCGGCGCTGGCAG 235
1 GCGCGGCGGCGGCGGCGG 19

Db 1 GCGCGGCGGCGGCGGCGG 19

RESULT 257

AZ846058

LOCUS AZ846058 39 bp DNA linear GSS 20-FEB-2001
DEFINITION 2M0146B07F Mouse 10kb plasmid UGCGIM library mus musculus genomic
clone UUGC2M0146B07 F, genomic survey sequence.

ACCESSION AZ846058

VERSION AZ846058.1 GI:13015966

KEYWORDS GSS.

SOURCE Mus musculus

ORGANISM Mus musculus

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.

REFERENCE 1 (bases 1 to 39)
Dunn,D., Aoyagi,A., Barber,M., Beacorn,T., Duval,B., Hamil,C.,
Islam,H., Longacre,S., Mahmoud,M., Meenan,E., Pedersen,T.,
Rellly,M., Rose,M., Rose,R., Stokes,R., Tingey,A., von
Niederhausern,A. and Wright,D., Weiss,R.

Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weiss
University of Utah Genome Center
University of Utah
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddunn@genetics.utah.edu
Insert Length: 10000 Std Error: 0.00
Plate: 0146 row: B column: 07
Seq primer: CGTGTAAACGACGCGCAGT
Class: plasmid ends
High quality sequence strop: 39.

FEATURES

source

1. 39
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UUGC2M0146B07"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGCGIM library"
/note="Vector: PMD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adaptor DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adaptor mouse DNA was annealed to
adaptor vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.2%; Score 12.6; DB 1; Length 39;
Best Local Similarity 78.9%; Pred. No. 3e+02;
Matches 15; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1593 GAACGAGAGAGAGAGA 1611
22 GAGAGAGAGAGAGAGA 4

Db 22 GAGAGAGAGAGAGAGA 4

RESULT 258

AJ650055

LOCUS AJ650055 15 bp mRNA linear EST 07-JUL-2004
DEFINITION CSEORAN19 Sus scrofa cDNA clone C0003274_E06, mRNA
sequence.

ACCESSION AJ650055

VERSION AJ650055

VERSION AJ650055.1 GI:49326900
 KEYWORDS EST.
 SOURCE Sus scrofa (pig)
 ORGANISM Sus scrofa
 REFERENCE Eukaryote; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Suidae; Sus.
 AUTHORS Anderson,S.I., Finlayson,H.A. and Archibald,A.L.
 TITLE (bases 1 to 15)
 JOURNAL Development of cDNA and EST resources for studying reproduction and embryo development in pigs and cattle
 COMMENT Unpublished (2004)
 Contact: Anderson SI
 Genomics and Bioinformatics
 Roslin Institute
 Roslin, Midlothian, EH25 9PS, UNITED KINGDOM
 Single pass sequencing. Bases called and trimmed with phred v0.020425.c. Vector identified by cross_match with the -minscore 20 and -mismatch 12 options. Vector: BluescriptII(KS) R. Site1: EcoRI R. Site2: NotI 5' Seq Primer M13P Normalised library constructed from pooled ovaries. Clones available from UK Centre for Functional Genomics in Farm Animals, Roslin Institute, Roslin, Midlothian, UK, EH25 9PS, www.ark-genomics.org.
 Location/Qualifiers
 1. 15
 /organism="Sus scrofa"
 /mol_type="mRNA"
 /db_xref="taxon:9823"
 /clone="C0003274_E06"
 /tissue_type="ovary"
 /note="Vector: BluescriptII(KS+); Site 1: EcoRI; Site 2: NotI; Single pass sequencing; Normalised library constructed from pooled ovaries"
 Query Match 0.2%; Score 12.4; DB 1; Length 15;
 Best Local Similarity 92.9%; Pred. No. 1.4e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Db 14 TCACCTGAGCCGC 1
 TCACCTGAGCCGC 1
 RESULT 259
 CF323664 16 bp mRNA linear EST 18-AUG-2003
 LOCUS HDN--04-H04.g1 OSHDAC1-overexpressing transgenic rice lambda phage
 DEFINITION CDNA library II (HDN) Oryza sativa (japonica cultivar-group) cDNA
 clone HDN--04-H04, mRNA sequence.
 ACCESSION CF323664
 VERSION CF323664.1 GI:33795589
 KEYWORDS EST.
 SOURCE Oryza sativa (japonica cultivar-group)
 ORGANISM Oryza sativa (japonica cultivar-group)
 REFERENCE Oryza sativa (japonica cultivar-group)
 AUTHORS Eukaryote; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae; Ehrhartoideae; Oryzaceae; Oryza.
 TITLE (bases 1 to 16)
 AUTHORS Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C., Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
 JOURNAL Large-scale Sequencing Analysis of Rice ESTs
 COMMENT Unpublished (2003)
 Contact: Nahm B.H.
 Genomics and Genetics Institute, GreenGene Biotech Inc.; Division of Bioscience and Bioinformatics, Myongji University
 Yongin, Kyonggi, Korea
 Tel: 82 31 330 6193
 Fax: 82 31 321 6355
 Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
 Location/Qualifiers
 1. 16
 /organism="Oryza sativa (japonica cultivar-group)"
 /mol_type="mRNA"
 FEATURES
 source misc_feature
 1. 16
 /organism="Oryza sativa (japonica cultivar-group)"
 /note="T-DNA flanking sequence"

/cultivar="Nackdong"
 /db_xref="taxon:39947"
 /clone="HDN--04-H04"
 /tissue_type="callus"
 /dev_stage="proliferated callus on 2N6 media for 2 weeks"
 /lab_host="E.coli SOLR"
 /clone_1ib="OSHDAC1-overexpressing transgenic rice lambda phage CDNA library II (HDN)"
 /note="Vector: pBluescript SK(+); Site 1: EcoRI; Site 2: XhoI; cDNA was inserted into lambda Uni-ZAP XR vector at 5' end with EcoRI and 3' end with XhoI site. mRNA was derived from rice Histone Deacetylase overexpression line."
 Query Match 0.2%; Score 12.4; DB 1; Length 16;
 Best Local Similarity 92.9%; Pred. No. 1.6e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Db 1 GCACGAGGACCTG 14
 GCACGAGGACCTG 14
 RESULT 260
 AJ595555/c 17 bp DNA linear GSS 15-JAN-2004
 LOCUS Arabidopsis thaliana T-DNA flanking sequence, left border, clone
 DEFINITION 419A03, genomic survey sequence.
 ACCESSION AJ595555
 VERSION AJ595555.1 GI:37945183
 KEYWORDS GSS; left border; T-DNA flanking sequence.
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM Arabidopsis thaliana
 REFERENCE Eukaryote; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta; Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots; rosids; eurosids II; Brassicales; Brassicaceae; Arabidopsis.
 1
 Brunaud,V., Balzerque,S., Dubreucq,B., Aubourg,S., Samson,F., Chauvin,S., Bechtold,N., Cravard,C., Berose,R., Pelletier,G., Lepoint,L., Caboche,M. and Lecharny,A.
 T-DNA integration into the Arabidopsis genome depends on sequences of pre-insertion sites
 EMBO Rep. 3 (12), 1152-1157 (2002)
 JOURNAL MEDLINE 22363535
 PUBMED 12446565
 REFERENCE 2 (bases 1 to 17)
 AUTHORS Balzerque,S.
 JOURNAL Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue Gaston Cremieux, 91057 Evry cedex, FRANCE
 COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana plants from INRA (Versailles). The DNA fragment(s) resulting from the PCR were directly sequenced from the left or the right border to determine the genomic sequence flanking the insertion. T-DNA derived sequences were removed. Information to order the corresponding mutant line and a link to a database providing a graphical display of the insertion site are available at <http://dbsgap.versailles.inra.fr/publiclines/>. This sequence has been generated in the framework of the French plant genomics program 'Genoplante' (<http://www.genoplante.com> and <http://genoplante.info.infobiogen.fr>).
 Location/Qualifiers
 1. 17
 /organism="Arabidopsis thaliana"
 /mol_type="genomic DNA"
 /cultivar="Masilllewska1ja"
 /db_xref="taxon:3702"
 /clone="419A03"
 /clone_1ib="Arabidopsis thaliana T-DNA insertion lines"
 1. 17
 /note="T-DNA flanking sequence"

Query Match 0.2%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 1.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4889 TGTGCTCTCTGCA 4902
 DB 15 TGTGCTCTCTGCA 2

RESULT 261

CL423826 17 bp DNA linear GSS 16-MAR-2004
 LOCUS 01S0750-04B1-G07 UniformMu MutLib Library Zea mays genomic clone
 DEFINITION 01S0750-04B1-G07, genomic survey sequence.

ACCESSION CL423826
 VERSION CL423826.1 GI:45501870

KEYWORDS GSS.
 SOURCE Zea mays
 ORGANISM Zea mays

REFERENCE 1 (bases 1 to 17)
 Latschew, S., Tan, B.-C., Settles, A.M. and McCarty, D.R.
 Zea mays
 clade: Panicoidae; Andropogoneae; Zea.
 Sequence tagged transposon insertions from the UniformMu maize
 population
 JOURNAL Unpublished (2003)
 COMMENT Contact: Donald R. McCarty
 Plant Molecular and Cellular Biology Program
 University of Florida
 PO 110690 Gainesville, FL 32611-0690, USA
 Tel: 352-392-1928 x322
 Email: drmcufl.edu

FEATURES
 source
 Location/Qualifiers
 1..17
 /organism="Zea mays"
 /mol_type="genomic DNA"
 /strain="W22 (ACR, bz1-m9)"
 /cultivar="UniformMu"
 /db_xref="taxon:4577"
 /clone="01S0750-04B1-G07"
 /note="Vector: TOPO-PCR4; DNA flanking Mu transposon
 insertions in Mu inactive lines were extracted from the
 UniformMu maize population by the thermo asymmetric
 interlaced PCR (TAIL) protocol using primers specific for
 the Mu terminal inverted repeat and a set of 16 arbitrary
 primers. Amplicons were size enriched using Sepharose 400
 spin columns and cloned into the TOPO PCR4 vector."

Query Match 0.2%; Score 12.4; DB 1; Length 17;
 Best Local Similarity 92.9%; Pred. No. 1.8e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 88 TCAGAGTGGCCAC 101
 DB 1 TCAGAGTGGCCAC 14

RESULT 262
 AJ600906 18 bp DNA linear GSS 15-JAN-2004
 LOCUS Arabidopsis thaliana T-DNA flanking sequence, right border, clone
 DEFINITION 516A03, genomic survey sequence.

ACCESSION AJ600906
 VERSION AJ600906.1 GI:37950534
 KEYWORDS GSS: right border; T-DNA flanking sequence.
 SOURCE Arabidopsis thaliana (thale cress)
 ORGANISM Arabidopsis thaliana
 Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

REFERENCE 1
 Brunaud, V., Balzerque, S., Dubreugnot, B., Aubourg, S., Samson, F.,
 Chauvin, S., Bechold, N., Cruaud, C., Derose, R., Pelletier, G.,
 Lepintec, L., Caboche, M. and Lecharny, A.
 T-DNA integration into the Arabidopsis genome depends on sequences
 of pre-insertion sites
 JOURNAL EMBO Rep. 3 (12), 1152-1157 (2002)
 PUBMED 12446565

REFERENCE 2 (bases 1 to 18)
 Balzerque, S.
 Direct Substitution
 Submitted (23-OCT-2003) Balzerque S., UMRGV, INRA/CNRS, 2 rue
 Gaston Cremieux, 91057 Evry cedex, FRANCE

COMMENT PCR was performed on DNA from transformants of Arabidopsis thaliana
 plants from INRA (Versailles). The DNA fragment(s) resulting from
 the PCR were directly sequenced from the left or the right border
 to determine the genomic sequence flanking the insertion. T-DNA
 derived sequences were removed. Information to order the
 corresponding mutant line and a link to a database providing a
 graphical display of the insertion site are available at
 http://dbsgap.versailles.inra.fr/publiclines/. This sequence has
 been generated in the framework of the French plant genomics
 program 'Genoplante' (http://www.genoplante.com and
 http://genoplante-info.infobiogen.fr).

FEATURES
 source
 Location/Qualifiers
 1..18
 /organism="Arabidopsis thaliana"
 /mol_type="genomic DNA"
 /cultivar="Wassilewskijja"
 /db_xref="taxon:3702"
 /clone="516A03"

misc_feature
 1..18
 /clone_lib="Arabidopsis thaliana T-DNA insertion lines"
 /note="T-DNA flanking sequence
 right border"

Query Match 0.2%; Score 12.4; DB 1; Length 18;
 Best Local Similarity 92.9%; Pred. No. 2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2316 ATCCAAAATCA 2329
 DB 1 ATCCAAAATCA 14

RESULT 263
 CL436264 18 bp DNA linear GSS 18-MAR-2004
 LOCUS PST2620-NL.Seg MICH1 Mus musculus genomic clone PST2620-NL.Seg
 DEFINITION similar to Mytil, genomic survey sequence.

ACCESSION CL436264
 VERSION CL436264.1 GI:45570894
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)

REFERENCE 1
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sclurognathi; Muridae; Murinae; Mus.
 JOURNAL Unpublished (2002)
 COMMENT Contact: Hicks GG
 Mammalian Functional Genomics Centre
 Manitoba Institute of Cell Biology, University of Manitoba
 ON5029, 675 McDermot Ave, Winnipeg, MB R3E 0V9, Canada
 Tel: 204 787 2133
 Fax: 204 787 2190
 Email: hicks@cc.umanitoba.ca
 U3NeoSV1 gene trap. Tag generated by plasmid rescue. Additional
 sequence information and target gene cloning can be generated. ES

cell line harboring insertion mutation of target gene is available.
Sequence analysis available from
http://140.193.242.7/esdb/public_search_frame.php?PST=PST2620-NL.Se

FEATURES

Class: Gene Trap.
Location/Qualifiers

1. 18
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="129 Sv"
/db_xref="taxon:10090"
/clone="PST2620-NL.Seq"
/sex="Male"
/cell_type="Embryonic stem cell"
/cell_line="D3H (J1 subclone)"
/clone_11b="MICB1"
/note="Vector: U3NeosV1"

Query Match

Best Local Similarity 92.9%; Pred. No. 2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 89 CAGAGTGGCCACA 102
|||||
3 CAGAACTGGCCACA 16

RESULT 264

LOCUS B0593604 19 bp mRNA linear EST 06-DEC-2002
DEFINITION B012766-024-026-H12-SP6 MP12-ADIS-024-developing root Beta vulgaris
CDNA clone 024-026-H12 5-PRIME, mRNA sequence.

ACCESSION B0593604
VERSION B0593604.1 GI:26123187
KEYWORDS EST.
SOURCE Beta vulgaris
ORGANISM Beta vulgaris

REFERENCE Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
Caryophyllales; Amaranthaceae; Beta.
AUTHORS Herwig,R., Schulz,B., Weisshaar,B., Hennig,S., Steinfach,M.,
Drungowski,M., Stahl,D., Wruick,W., Menze,A., O'Brien,J., Lehrach,H.
and Radelhof,U.

TITLE Construction of a 'unigene' cDNA clone set by oligonucleotide
fingerprinting allows access to 25 000 potential sugar beet genes
JOURNAL Plant J. 32 (5), 845-857 (2002)

COMMENT

ADIS DNA core facility at MP12
Max-Planck-Institute for Plant Breeding Research
Carl-von-Linne Weg 10, 50829 Koeln, Germany
Fax: 00492215062851
Email: weisshaar@mpiz-koeln.mpg.de
Insert length: 19 Std Error: 0.00
Plate: 26 row: H column: 12
Seq primer: SP6; CATACGATTAGCTGACACTATAG.
Location/Qualifiers

FEATURES

source

1. 19
/organism="Beta vulgaris"
/mol_type="mRNA"
/cultiivar="KWS2320 (double haploid, monogerm breeding
line)"
/db_xref="GABI:193251"
/db_xref="taxon:161934"
/clone="024-026-H12"
/issue_type="developing root"
/lab_host="EMDH10B"
/clone_11b="MP12-ADIS-024-developing root"
/note="Vector: PCWVS-POR76; Site 1: SalI; Site 2: NotI;
cDNA library from sugar beet, library provided by KWS
Kleinanzelebener Saatnucht AG Einbeck, Germany, contact:

b.schulz@kws.de; cloning sites SalI-NotI, primer sites and
orientation:
SP6-Sali-CCACGCGCTCCG-5prime-cDNA-polyA-CC-NotI-T7; Note:
Sequencing granted in the context of the GABI-Beet
project, local PI: Dr. Katharina Schneider, coordinator:
Prof. Christian Jung; Sequence submission managed by
R2PD/GABI-Primary database: http://gabi.r2pd.de"

Query Match 0.2%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2821 GAAGTAGGGCGGAG 2834
|||||
1 GAAGAGAGGGCGGAG 14

RESULT 265

LOCUS A1476315 19 bp mRNA linear EST 09-MAR-1999
DEFINITION talsc09.xl NCI CGAP Lym5 Homo sapiens CDNA clone IMAGE:2044144 3'
similar to TR_061431 Q61431 PROCOLLAGEN TYPE V ALPHA 2.; contains
OFR_b3 MSRI repetitive element ;, mRNA sequence.

ACCESSION A1476315 GI:4329360
VERSION A1476315
KEYWORDS EST.
SOURCE Homo sapiens (human)
ORGANISM Homo sapiens

REFERENCE Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.
AUTHORS NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.
TITLE National Cancer Institute, Cancer Genome Anatomy Project (CGAP),
Tumor Gene Index
JOURNAL Unpublished (1997)

COMMENT Contact: Robert Strausberg, Ph.D.
Email: cgabbs-r@mail.nih.gov
Tissue Procurement: Mark Ratfeldt, M.D.
CDNA Library Preparation: Stratagene, Inc.
CDNA Library Arrayed by: Greg Lennon, Ph.D.
DNA Sequencing by: Washington University Genome Sequencing Center
DNA distribution: NCI-CGAP clone distribution information can be
found through the I.M.A.G.E. Consortium/LLNL at:
www.bio.llnl.gov/bdrp/image/image.html

Trace considered overall poor quality
Seq primer: -40UP from Gibco
High quality sequence stop: 1.
Location/Qualifiers

FEATURES

source

1. 19
/organism="Homo sapiens"
/mol_type="mRNA"
/db_xref="taxon:9606"
/clone="IMAGE:2044144"
/issue_type="follicular lymphoma"
/lab_host="SOIR (Stratagene, kanamycin resistant)"
/clone_11b="NCI CGAP_Lym5"
/note="Organ: lymph node; Vector: Bluescript SK-; Site 1:
EcoRI; Site 2: XhoI; Cloned unidirectionally. Primer:
Oligo dT. Average insert size 1.2 kb. Non-amplified
library. ~5' adaptor sequence: 5' GAATTCGCGACAG 3' ~3'
adaptor sequence: 5' CTCGAGTTTCTTTTCTTTT 3'"

Query Match 0.2%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2195 CCGGGCCCTGGGGG 2208
|||||
5 CCGGGCCCTGGGGG 18

RESULT 266

A1719958
 LOCUS A1719958 19 bp mRNA linear EST 10-JUN-1999
 DEFINITION aa41d06.x1 Barslead aorta HPLRB6 Homo sapiens cDNA clone
 IMAGE:2319755 3', similar to SW:EXTN_DAUCA P06599 EXTENSIN
 PRECURSOR: i, mRNA sequence.
 ACCESSION A1719958
 VERSION A1719958.1 GI:5037214
 KEYWORDS EST.
 SOURCE Homo sapiens (human)
 ORGANISM Homo sapiens
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Primates; Catarrhini; Homnidae; Homo.
 1 (bases 1 to 19)
 REFERENCE Hillier, L., Allen, M., Bowles, L., Dubuque, T., Geisler, G., Jost, S.,
 Krizman, D., Kucab, T., Lacy, M., Le, N., Lennon, G., Marra, M.,
 Martin, J., Moore, B., Schellenberg, K., Stepec, M., Tan, F.,
 Theising, B., White, Y., Wylie, T., Waterston, R. and Wilson, R.
 WashU-NCI human EST Project
 JOURNAL Unpublished (1997)
 COMMENT Contact: Wilson RK
 Washington University School of Medicine
 4444 Forest Park Parkway, Box 8501, St. Louis, MO 63108
 Tel: 314 286 1800
 Fax: 314 286 1810
 Email: est@wustl.wustl.edu
 This clone is available royalty-free through LNL; contact the
 IMAGE Consortium (info@image.llnl.gov) for further information.
 Trace considered overall poor quality
 Possible reversed clone: similarity on wrong strand
 Seq primer: -40UP from Gibco
 High quality sequence stop: 1.
 Location/Qualifiers
 1..19
 /organism="Homo sapiens"
 /mol_type="mRNA"
 /db_xref="taxon:9606"
 /clone="IMAGE:2319755"
 /sex="male"
 /dev_stage="adult, age 64"
 /lab_host="DH10B (phage resistant)"
 /clone_lib="Barslead aorta HPLRB6"
 /note="Organ: aorta; Vector: pT73D-Pac (Pharmacia) with a
 modified polylinker; Site 1: EcoRI; Site 2: NotI; 1st
 strand cDNA was primed with a Not I - Oligo(dT) primer [5'
 TGTTCAGATCGAAGTGGAGCGCGCCGCTTTTCTTTTCTTTTCTTTTCTTTT
 3']; double-stranded cDNA was ligated to Eco RI adaptors
 [5' ATTTCGATCGAAC 3' and 5' GTTCGATCGG 3'], digested
 with Not I and cloned into the Not I and Eco RI sites of
 the modified pT73 vector. Library constructed by Bob
 Barslead."

Query Match 0.2%; Score 12.4; DB 1; Length 19;
 Best Local Similarity 92.9%; Pred. No. 2.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Oy 1756 CCCCCCTCCCAAG 1769
 Db 6 CCCCCCCCCCAAG 19
 RESULT 267
 LOCUS AZ324865/c 19 bp DNA linear GSS 29-SEP-2000
 DEFINITION 1M0047G10F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0047G10 F, genomic survey sequence.
 ACCESSION AZ324865
 VERSION AZ324865.1 GI:10381216
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)

AUTHORS Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamill, C.,
 Islem, H., Longacre, S., Mahmoud, M., Meenan, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
 Niederhausern, A. and Wright, D., Weiss, R.
 TITLE Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts
 JOURNAL Unpublished (2000)
 COMMENT Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLIC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert length: 1000 Std Error: 0.00
 Plates: 004; Row: G column: 10
 Seq primer: CGTGTAAACGACGCGCAGT
 Class: plasmid ends
 High quality sequence stop: 19.
 Location/Qualifiers
 1..19
 /organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UUGC1M0047G10"
 /sex="Male"
 /lab_host="E. Coli strain XL10-Gold, TI-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UUGC1M library"
 /note="Vector: pMD42nv; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnaresg/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pMD42 (9114732114[9b]AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.2%; Score 12.4; DB 1; Length 19;
 Best Local Similarity 92.9%; Pred. No. 2.2e+02;
 Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;
 Oy 3906 ACCCGCCACCC 3919
 Db 16 ACCCGCCACCC 3
 RESULT 268
 LOCUS AZ351194 19 bp DNA linear GSS 29-SEP-2000
 DEFINITION 1M0089A08F Mouse 10kb plasmid UUGC1M library Mus musculus genomic
 clone UUGC1M0089A08 F, genomic survey sequence.
 ACCESSION AZ351194
 VERSION AZ351194.1 GI:10430431
 KEYWORDS GSS.
 SOURCE Mus musculus (house mouse)
 ORGANISM Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 19)
 REFERENCE Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamill, C.,

TITLE
JOURNAL
COMMENT

Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausen, A. and Wright, D., Weis, R.,
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddum@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 008 Row: A Column: 08
Seq primer: CGTGTAAACGACGCGCAGT
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
source

1. .19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGGCM0089A08"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGGCM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (g14732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.2%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1277 CAATCCCATCACA 1290
Db 3 CAATCCCATCACA 16

RESULT 269
AZ495849
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS

AZ495849 19 bp DNA linear GSS 05-OCT-2000
1M0331N2R Mouse 10kb plasmid UGGCM library Mus musculus genomic
clone UGGCM0331N22 R, genomic survey sequence.
A4495849
A2495849.1 GI:10671571
GSS.
Mus musculus (house mouse)
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,

TITLE
JOURNAL
COMMENT

Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von
Niederhausen, A. and Wright, D., Weis, R.,
Mouse whole genome scaffolding with paired end reads from 10kb
plasmid inserts
Unpublished (2000)
Contact: Robert B. Weis
University of Utah Genome Center
Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
84112, USA
Tel: 801 585 5606
Fax: 801 585 7177
Email: ddum@genetics.utah.edu
Insert length: 10000 Std Error: 0.00
Plate: 033 Row: N Column: 22
Seq primer: CACACAGAAACGCTATGACC
Class: plasmid ends
High quality sequence stop: 19.

FEATURES
source

1. .19
/organism="Mus musculus"
/mol_type="genomic DNA"
/strain="C57BL/6J"
/db_xref="taxon:10090"
/clone="UGGCM0331N22"
/sex="Male"
/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"
/clone_lib="Mouse 10kb plasmid UGGCM library"
/note="Vector: PWD42nv; Purified genomic DNA from M.
musculus C57BL/6J (male) was obtained from the Jackson
Laboratory Mouse DNA Resource
(http://www.jax.org/resources/documents/dnares/). The DNA
was hydrodynamically sheared by repeated passage through a
0.005 inch orifice at constant velocity. The sheared DNA
was blunt end-repaired with T4 DNA polymerase and T4
polynucleotide kinase. Adaptor oligonucleotides were
ligated to the blunt ends in high molar excess. The
adapted DNA was purified and size-selected for a 9.5 to
10.5 kb range using preparative agarose gel
electrophoresis. Vector DNA was prepared from a derivative
of PWD42 (g14732114|gb|AF129072.1), a copy-number
inducible derivative of plasmid R1. The vector was ligated
with adaptors complementary to the insert adaptors and
purified. The sheared, adapted mouse DNA was annealed to
adapted vector DNA, and transformed into
chemically-competent E. coli XL10-Gold (Stratagene) cells
and selected for ampicillin resistance."

Query Match 0.2%; Score 12.4; DB 1; Length 19;
Best Local Similarity 92.9%; Pred. No. 2.2e+02;
Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 1204 AGCTCTGCAGAG 1217
Db 4 AGCTCTGCAGAG 17

RESULT 270
AZ830578/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM
REFERENCE
AUTHORS

AZ830578 19 bp DNA linear GSS 20-FEB-2001
2M0109H23R Mouse 10kb plasmid UGGCM library Mus musculus genomic
clone UGGCM0109H23 R, genomic survey sequence.
A2830578
A2830578.1 GI:13000486
GSS.
Mus musculus (house mouse)
Mus musculus
Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
1 (bases 1 to 19)
Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
Reilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von

TITLE Niederhauser, A. and Wright, D., Weiss, R.
JOURNAL Mouse whole genome scaffolding with paired end reads from 10kb
COMMENT Plasmid inserts
 Unpublished (2000)
 Contact: Robert B. Weiss
 University of Utah Genome Center
 University of Utah
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA
 Tel: 801 585 5606
 Fax: 801 585 7177
 Email: dunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0109 row: H column: 23
 Seq primer: CACACAGAAACAGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 19.

FEATURES

source

Location/Qualifiers

1..19

/organism="Mus musculus"

/mol_type="genomic DNA"

/strain="C57BL/6J"

/db_xref="taxon:10090"

/clone="UUGC2M0109H23"

/sex="Male"

/lab_host="E. Coli strain XL10-Gold, T1-resistant, F-"

/note="Vector: PMD22nv. Purified genomic DNA from M.

musculus C57BL/6J (male) was obtained from the Jackson

Laboratory Mouse DNA Resource

(http://www.jax.org/resources/documents/dnares/). The DNA

was hydrodynamically sheared by repeated passage through a

0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4

polynucleotide kinase. Adaptor oligonucleotides were

ligated to the blunt ends in high molar excess. The

adapted DNA was purified and size-selected for a 9.5 to

10.5 kb range using preparative agarose gel

electrophoresis. Vector DNA was prepared from a derivative

of PMD42 (G14732114|DB|AF129072.1), a copy-number

inducible derivative of plasmid R1. The vector was ligated

with adaptors complementary to the insert adaptors and

purified. The sheared, adapted mouse DNA was annealed to

adapted vector DNA, and transformed into

chemically-competent E. coli XL10-Gold (Stratagene) cells

and selected for ampicillin resistance."

Query Match 0.2%; Score 12.4; DB 1; Length 19;

Best Local Similarity 92.9%; Pred. No. 2.2e+02;

Matches 13; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 4536 AGCCACTTAACA 4549

DB 19 AGCCACTTAACA 6

RESULT 271

AI688330

LOCUS

DEFINITION

AI688330

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

NCI-CGAP

Tumor Gene Index

22 bp mRNA linear EST 17-DEC-1999

we9408.x1 NCI CGAP C03 Homo cDNA clone IMAGE:3326286 3'

similar to TR:064371 Q64371 PR-VBETAL; contains element MSRI

repetitive element; mRNA sequence.

AI688330.1 GI:4899624

EST Homo sapiens (human)

Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;

Mammalia; Eutheria; Primates; Catarrhini; Homiidae; Homo.

1 (bases 1 to 22)

NCI-CGAP http://www.ncbi.nlm.nih.gov/ncicgap.

National Cancer Institute, Cancer Genome Anatomy Project (CGAP),

JOURNAL

Unpublished (1997)

COMMENT

Contact: Robert Strausberg, Ph.D.

Email: cgabbs-remail.nih.gov

Tissue Procurement: Elias Campo, M.D., Michael R. Emmert-Buck,

M.D., Ph.D.

CDNA Library Preparation: M. Bento Soares, Ph.D.

CDNA Library Arraying: Greg Lennon, Ph.D.

DNA Sequencing by: Washington University Genome Sequencing Center

Clone distribution: NCI-CGAP clone distribution information can be

found through the I.M.A.G.E. Consortium/LNLN at:

www-bio.llnl.gov/bbrp/image/image.html

Trace considered overall poor quality

Insert Length: 670 Std Error: 0.00

Seq primer: -40UP from Gibco

High quality sequence stop: 1.

Location/Qualifiers

1..22

/organism="Homo sapiens"

/mol_type="mRNA"

/db_xref="taxon:9606"

/clone="IMAGE:2326286"

/sex="pooled"

/issue_type="colon"

/lab_host="DH10B"

/clone_1b="NCI CGAP C03"

/note="Vector: pRTT3D-Pac (Pharmacia) with a modified

polylinker; Site 1: Not I; Site 2: Eco RI; 1st strand cDNA

was prepared from 12 pooled bulk tumor samples and primed

with a Not I - oligo(dT) primer. Double-stranded cDNA was

ligated to Eco RI adaptors (Pharmacia), digested with Not

I and cloned into the Not I and Eco RI sites of the

modified pRTT3 vector. Library went through one round of

normalization."

Query Match 0.2%; Score 12.4; DB 1; Length 22;

Best Local Similarity 72.7%; Pred. No. 2.7e+02;

Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3786 GAGGCGAGGCGCGCGCGG 3807

DB 1 GAGGCGAGGCGCGCGCGG 22

RESULT 272

CF309796

LOCUS

DEFINITION

CF309796

ACCESSION

VERSION

KEYWORDS

SOURCE

ORGANISM

REFERENCE

AUTHORS

TITLE

JOURNAL

COMMENT

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,

Song, S.I., Kim, J.K., Kim, Y.-K., and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)

Contact: Nahm, B.H.

Genomics and Genetics Institute, GreenGene Biotech Inc., Division

of BioScience and Bioinformatics, Myongji University

Yongin, Kyonggi, Korea

Tel: 82 31 330 6193

Fax: 82 31 321 6355

Email: bhnahm@bio.com, bhnahm@bio.myongji.ac.kr.

Location/Qualifiers

22 bp mRNA linear EST 15-AUG-2003

ABF--04-C02.b1 ABF3-overexpressing transgenic rice plasmid cDNA

library (ABF) Oryza sativa (japonica cultivar-group) cDNA clone

ABF--04-C02, mRNA sequence.

CF309796.1 GI:33681557

EST Oryza sativa (japonica cultivar-group)

Oryza sativa (japonica cultivar-group)

Eukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;

Spermatophyta; Magnoliopsida; Liliopsida; Poales; Poaceae;

Ehrhartoideae; Oryzaceae; Oryza.

1 (bases 1 to 22)

Kim, J.S., Jun, K.M., Cheong, P.J., Kim, M.J., Lee, T.H., Shin, Y.C.,

Song, S.I., Kim, J.K., Kim, Y.-K., and Nahm, B.H.

Large-scale Sequencing Analysis of Rice ESTs

Unpublished (2003)

Contact: Nahm, B.H.

/mol_type="mRNA"
 /culivar="Nackdong"
 /db_xref="taxon:39947"
 /clone="ABF-04-C02"
 /tissue_type="leaf"
 /dev_stage="14 days after germination"
 /lab_host="E.coli DH10B"
 /clone_lib="ABF3-overexpressing transgenic rice plasmid
 cDNA library (ABP)"
 /note="Vector: pCR4-TOPO; Site_1: EcoRI; Leaf was dried
 for 2hrs. Oligo-capped mRNA was reverse transcribed and
 then used for PCR. mRNA was prepared from ABA-responsive
 element binding transcription factor 3 overexpression
 line."

Query Match 0.2%; Score 12.4; DB 1; Length 22;
 Best Local Similarity 72.7%; Pred. No. 2.7e+02;
 Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 2800 AGGAGGAGAAATGAGAGG 2821
 Db 1 AGGAGGAGGAGAGAGAGG 22

RESULT 273
 AZ641670 23 bp DNA linear GSS 14-DEC-2000
 LOCUS
 DEFINITION IM0504P15F Mouse 10kb plasmid UGCGIM library Mus musculus genomic
 clone UGCGIM0504P15 F, genomic survey sequence.
 AZ641670
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

Mus musculus (house mouse)
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 23)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tinney, A., von
 Niederhausen, A. and Wright, D., Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts

JOURNAL
 COMMENT
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA

Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0504 row: P column: 15
 Seq primer: CGTTGTAACGACGCGCAGC
 Class: plasmid ends
 High quality sequence stop: 23.
 Location/Qualifiers

FEATURES
 source
 1. 23

/organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCGIM0504P15"
 /sex="Male"
 /lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCGIM library"
 /note="Vector: pMD42ny; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA

was blunt end-repaired with T4 DNA polymerase and T4
 polynucleotide kinase. Adaptor oligonucleotides were
 ligated to the blunt ends in high molar excess. The
 adaptor DNA was purified and size-selected for a 9.5 to
 10.5 kb range using preparative agarose gel
 electrophoresis. Vector DNA was prepared from a derivative
 of pMD42 (gi|4732114|gb|AF129072.1), a copy-number
 inducible derivative of plasmid R1. The vector was ligated
 with adaptors complementary to the insert adaptors and
 purified. The sheared, adaptor mouse DNA was annealed to
 adaptor vector DNA, and transformed into
 chemically-competent E. coli XL10-Gold (Stratagene) cells
 and selected for ampicillin resistance."

Query Match 0.2%; Score 12.4; DB 1; Length 23;
 Best Local Similarity 72.7%; Pred. No. 2.9e+02;
 Matches 16; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 849 GAGGAGACACAGAAAGTTCG 870
 Db 1 GAGGAGACACAGAGAGTTCG 22

RESULT 274
 AZ766246/c 23 bp DNA linear GSS 16-FEB-2001
 LOCUS
 DEFINITION IM0563J08R Mouse 10kb plasmid UGCGIM library Mus musculus genomic
 clone UGCGIM0563J08 R, genomic survey sequence.
 AZ766246
 ACCESSION
 VERSION
 KEYWORDS
 SOURCE
 ORGANISM

Mus musculus (house mouse)
 Mus musculus
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;
 Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.
 1 (bases 1 to 23)
 Dunn, D., Aoyagi, A., Barber, M., Beacorn, T., Duval, B., Hamil, C.,
 Islam, H., Longacre, S., Mahmoud, M., Meenen, E., Pedersen, T.,
 Reilly, M., Rose, M., Rose, R., Stokes, R., Tinney, A., von
 Niederhausen, A. and Wright, D., Weis, R.
 Mouse whole genome scaffolding with paired end reads from 10kb
 plasmid inserts

JOURNAL
 COMMENT
 Contact: Robert B. Weiss
 University of Utah Genome Center
 Rm. 308, Biomedical Polymers Research Bldg., 20 S. 2030 E., SLC, UT
 84112, USA

Tel: 801 585 5606
 Fax: 801 585 7177
 Email: ddunn@genetics.utah.edu
 Insert Length: 10000 Std Error: 0.00
 Plate: 0563 row: J column: 08
 Seq primer: CACACAGAAACGCTATGACC
 Class: plasmid ends
 High quality sequence stop: 23.
 Location/Qualifiers

FEATURES
 source
 1. 23

/organism="Mus musculus"
 /mol_type="genomic DNA"
 /strain="C57BL/6J"
 /db_xref="taxon:10090"
 /clone="UGCGIM0563J08"
 /sex="Male"
 /lab_host="E. coli strain XL10-Gold, T1-resistant, F-"
 /clone_lib="Mouse 10kb plasmid UGCGIM library"
 /note="Vector: pMD42ny; Purified genomic DNA from M.
 musculus C57BL/6J (male) was obtained from the Jackson
 Laboratory Mouse DNA Resource
 (http://www.jax.org/resources/documents/dnares/). The DNA
 was hydrodynamically sheared by repeated passage through a
 0.005 inch orifice at constant velocity. The sheared DNA
 was blunt end-repaired with T4 DNA polymerase and T4

REFERENCE
AUTHORS
TITLE
JOURNAL
COMMENT

Bukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Cetartiodactyla; Ruminantia; Pecora; Bovidae; Bovinae; Bos.
1 (bases 1 to 38)
Yoon,D.H., Lee,S.H., Lee,J.H., Sang,B.C. and Oh,S.J.
Gene Expression Profiling of the Bovine adipose tissues
Unpublished (2003)
Contact: Dr. Du-Hak Yoon
National Livestock Research Institute, RDA
564 Omsokchun-dong, Suwon, 441-350, Korea
Tel: 82 31 290 1593
Fax: 82 31 290 1792
Email: dhyoon@rda.go.kr
Insert length: 38 Std Error: 0.00
Seq primer: ATTTACCCCTCCTTAAG
POLYA=No.

FEATURES
source

1. 38
/organism="Bos taurus"
/mol_type="mRNA"
/db_xref="taxon:9913"
/clone="CF-02-R-121(5)"
/sex="four males mixed"
/tissue_type="adipose tissue"
/cell_type="adipocyte"
/dev_stage="24 months old"
/lab_host="XJ1-BlueRFP strain"
/clone_id="Bos taurus CF-24-RW cDNA library"
/note="Vector: Uni-ZAPXR; Site_1: EcoRI; Site_2: Xho I"

Query Match
Best Local Similarity 0.2%; Score 12.4; DB 1; Length 38;
Matches 19; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2806 GAGAAATGAAGAAGAGTGAAGGCGAGC 2835
Db 37 GAGAGAGAGAGAGAGAGAGAGAGAGAGC 8

RESULT 278
CF303617/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

CF303617 39 bp mRNA linear EST 15-AUG-2003
ABF1--02-M05.g1 ABF1-ovexpressing transgenic rice lambda phage
cDNA library (ABF1) Oryza sativa (japonica cultivar-group) cDNA
clone ABF1--02-M05, mRNA sequence.
CF303617 GI:33675378
EST.
Oryza sativa (japonica cultivar-group)
Oryza sativa (japonica cultivar-group)
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; Liliopsida; Poales; Poaceae;
Erihartoideae; Oryzaceae; Oryza.
1 (bases 1 to 39)
Kim,J.S., Jun,K.M., Cheong,P.J., Kim,M.J., Lee,T.H., Shin,Y.C.,
Song,S.I., Kim,J.K., Kim,Y.-K. and Nahm,B.H.
Large-scale Sequencing Analysis of Rice ESTs
Unpublished (2003)
Contact: Nahm B.H.
Genomics and Genetics Institute, GreenGene Biotech Inc., Division
of Bioscience and Bioinformatics, Myongji University
Yongin, Kyonggi, Korea
Tel: 82 31 330 6193
Fax: 82 31 321 6355
Email: bhnahm@gbio.com, bhnahm@bio.myongji.ac.kr.
Location/Qualifiers

FEATURES
source

1. 39
/organism="Oryza sativa (japonica cultivar-group)"
/mol_type="mRNA"
/cultivar="Nackdong"
/db_xref="taxon:39947"
/clone="ABF1--02-M05"
/tissue_type="leaf"

/dev_stage="14 days after germination"
/lab_host="E.coli SOLR"
/clone_id="ABF1-ovexpressing transgenic rice lambda
phage cDNA library (ABF1)"
/note="Vector: pBluescript SK(+); Site_1: EcoRI; Site_2:
XhoI; Leaf was dried for 2hrs. cDNA was inserted into
lambda Uni-ZAP XR vector at 5' end with EcoRI and 3' end
with XhoI site. mRNA was prepared from ABA-responsive
element binding transcription factor 3 overexpression
line."

Query Match
Best Local Similarity 0.2%; Score 12.4; DB 1; Length 39;
Matches 19; Conservative 0; Mismatches 11; Indels 0; Gaps 0;

QY 2806 GAGAAATGAAGAAGAGTGAAGGCGAGC 2835
Db 37 GAGAGAGAGAGAGAGAGAGAGAGAGAGC 8

RESULT 279
CA797810/c
LOCUS
DEFINITION
ACCESSION
VERSION
KEYWORDS
SOURCE
ORGANISM

CA797810 17 bp mRNA linear EST 05-DEC-2002
Cac BL 4975 Cac BL (Bean and Leaf from Amelonardo type Cacao)
Theobroma cacao cDNA clone Cac BL_4975 5', mRNA sequence.
CA797810 GI:26054896
EST.
Theobroma cacao (cacao)
Theobroma cacao
Bukaryota; Viridiplantae; Streptophyta; Embryophyta; Tracheophyta;
Spermatophyta; Magnoliophyta; eudicotyledons; core eudicots;
rosids; eustroids II; Malvales; Malvaceae; Byttnerioideae;
Theobroma.
1 (bases 1 to 17)
Jones,P.G., Allaway,D., Gilmour,D.M., Harris,C., Rankin,D.,
Retzel,E.R. and Jones,C.A.
Gene discovery and microarray analysis of cacao (Theobroma cacao
L.) varieties
Planta 216 (2), 255-264 (2002)
22337596
12447539
Contact: Jones, Paul
Masterfoods
3d Dundee Road, Slough, Berkshire, UK, SL1 4UG
Tel: +44 1664 416644
Email: Paul.Jones@eu.affem.com
Seq primer: T3.
Location/Qualifiers

FEATURES
source

1. 17
/organism="Theobroma cacao"
/mol_type="mRNA"
/strain="Amelonado type"
/db_xref="taxon:3641"
/clone="Cac BL 4975"
/tissue_type="Mature leaf and mature bean"
/cell_type="whole organ"
/dev_stage="maturity"
/lab_host="XJ-1 Blue MRF"
/clone_id="Cac BL (Bean and Leaf from Amelonardo type
Cacao)"
/note="Vector: pBK-CMV; Bean and leaf tissue from an
Amelonado type Cacao tree."

Query Match
Best Local Similarity 0.2%; Score 12.2; DB 1; Length 17;
Matches 14; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 4353 TCCTTGAAGGCGCCATT 4369
Db 17 TTGTTGAAGGAGCCATT 1

Program 'Genopiante' (<http://www.genopiante.com> and
<http://genopiante-info.infobiogen.fr>).

FEATURES

source

Location/Qualifiers

1..18

/organism="Arabidopsis thaliana"

/mol_type="genomic DNA"

/cultivar="Mas111ewskiJa"

/db_xref="taxon:3702"

/clone="517803"

/clone_1lb="Arabidopsis thaliana T-DNA insertion lines"

misc_feature

1..18

/note="T-DNA flanking sequence
right border"

Query Match

0.24; Score 12.2; DB 1; Length 18;

Best Local Similarity 77.84; Pred. No. 2.1e+02;

Matches 14; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 4141 CTCTCCGGGAGCCTCTG 4158

Db 1 CTCTCCGGGAGCCTCTG 18

Search completed: October 28, 2004, 10:48:28
Job time : 19 secs

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